

**KD-Validated Anti-PFKFB3 Rabbit Monoclonal Antibody**  
**Rabbit monoclonal antibody**  
**Catalog # AGI1486****Specification****KD-Validated Anti-PFKFB3 Rabbit Monoclonal Antibody - Product Information**

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application       | WB, FC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Primary Accession | <a href="#">Q16875</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity        | Rat, Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype           | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Calculated MW     | Predicted, 60 kDa, observed, 58 kDa kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Name         | PFKFB3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Aliases           | PFKFB3; 6-Phosphofructo-2-Kinase/Fructose-2,6-Bisphosphatase 3; 6-Phosphofructo-2-Kinase/Fructose-2,6-Bisphosphatase 3; 6PF-2-K/Fru-2,6-P2ase Brain/Placenta-Type Isozyme 3; Renal Carcinoma Antigen NY-REN-56; 6PF-2-K/Fru-2,6-P2ase 3; PFK/FBPase 3; IPFK-2; Inducible 6-Phosphofructo-2-Kinase/Fructose-2,6-Bisphosphatase; Fructose-6-Phosphate,2-Kinase/Fructose-2,6-Bisphosphatase; 6-Phosphofructo-2-Kinase/Fructose-2,6-Bisphosphatase; IPFK2; PFK2 A synthesized peptide derived from human PFKFB3 |
| Immunogen         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**KD-Validated Anti-PFKFB3 Rabbit Monoclonal Antibody - Additional Information**

|             |                                                                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID     | 5209                                                                                                                                                                                                                                                                                |
| Other Names | 6-phosphofructo-2-kinase/fructose-2, 6-bisphosphatase 3, 6PF-2-K/Fru-2, 6-P2ase 3, PFK/FBPase 3, 6PF-2-K/Fru-2, 6-P2ase brain/placenta-type isozyme, Renal carcinoma antigen NY-REN-56, iPFK-2, 6-phosphofructo-2-kinase, 2.7.1.105, Fructose-2, 6-bisphosphatase, 3.1.3.46, PFKFB3 |

**KD-Validated Anti-PFKFB3 Rabbit Monoclonal Antibody - Protein Information****Name** PFKFB3**Function**

Catalyzes both the synthesis and degradation of fructose 2,6- bisphosphate.

**Tissue Location**

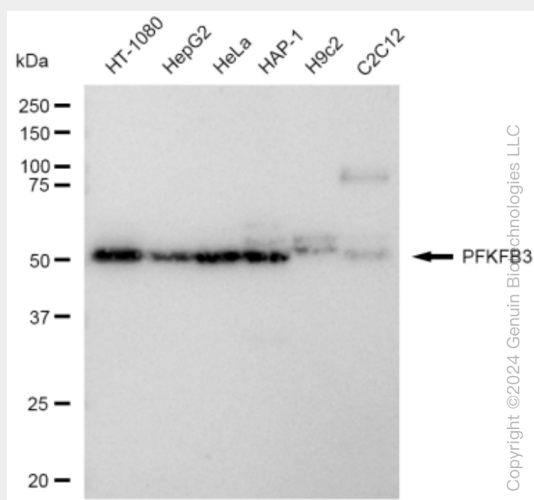
Ubiquitous.

## KD-Validated Anti-PFKFB3 Rabbit Monoclonal Antibody - Protocols

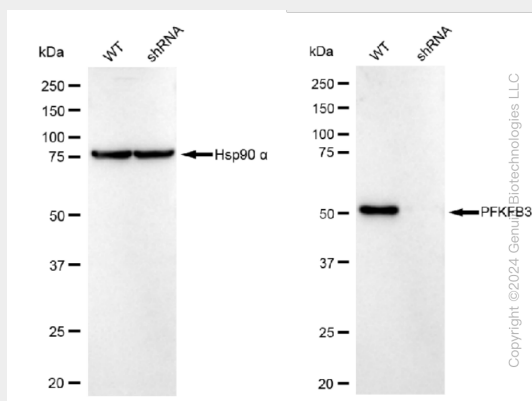
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

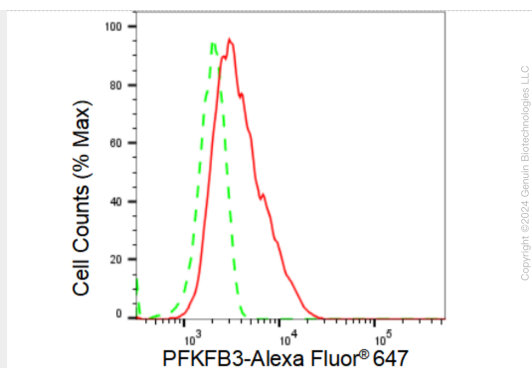
## KD-Validated Anti-PFKFB3 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-PFKFB3 antibody (Cat#AGI1486). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PFKFB3 antibody (Cat#AGI1486, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PFKFB3 antibody (Cat#AGI1486). PFKFB3 expression in wild type (WT) and PFKFB3 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PFKFB3 antibody (Cat#AGI1486, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of PFKFB3 expression in HT-1080 cells using PFKFB3 antibody (Cat#AGI1486, 1:2,000). Green, isotype control; red, PFKFB3.