

# **KD-Validated Anti-ADD1 Mouse Oligoclonal Antibody**

Mouse oligoclonal antibody Catalog # AGI2225

## **Specification**

# **KD-Validated Anti-ADD1 Mouse Oligoclonal Antibody - Product Information**

Application WB, FC
Primary Accession P35611
Reactivity Rat, Human
Clonality Oligoclonal
Isotype Mouse IgG

Calculated MW Predicted, 81 kDa; observed, 120 kDa KDa

Gene Name ADD1

Aliases ADD1; Adducin 1; Alpha-Adducin; Adducin

1 (Alpha); ADDA; Erythrocyte Adducin Alpha Subunit; Erythrocyte Adducin Subunit Alpha; Alpha-Adducin 1

Immunogen Recombinant protein of human ADD1

#### KD-Validated Anti-ADD1 Mouse Oligoclonal Antibody - Additional Information

Gene ID 118

**Other Names** 

Alpha-adducin, Erythrocyte adducin subunit alpha, ADD1, ADDA

## KD-Validated Anti-ADD1 Mouse Oligoclonal Antibody - Protein Information

Name ADD1

Synonyms ADDA

**Function** 

Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Binds to calmodulin.

**Cellular Location** 

Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side

**Tissue Location** 

Expressed in all tissues. Found in much higher levels in reticulocytes than the beta subunit

# **KD-Validated Anti-ADD1 Mouse Oligoclonal Antibody - Protocols**

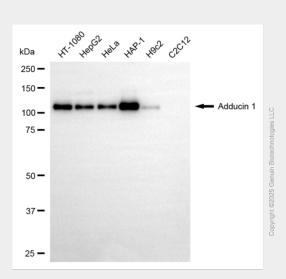
Provided below are standard protocols that you may find useful for product applications.

• Western Blot

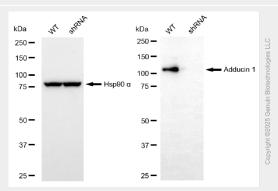


- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **KD-Validated Anti-ADD1 Mouse Oligoclonal Antibody - Images**



Western blotting analysis using anti-adducin 1 antibody (Cat#AGI2225). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-adducin 1 antibody (Cat#AGI2225, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-adducin 1 antibody (Cat#AGI2225). Adducin 1 expression in wild-type (WT) and adducin 1 (ADD1) shRNA knockdown (KD) HT-1080 cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-adducin 1 antibody (Cat#AGI2225, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.