

**HLA DMB Antibody**  
**Rabbit mAb**  
**Catalog # AP92725****Specification**

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**HLA DMB Antibody - Product Information**

|                    |                        |
|--------------------|------------------------|
| Application        | WB, FC                 |
| Primary Accession  | <a href="#">P28068</a> |
| Clonality          | Monoclonal             |
| <b>Other Names</b> |                        |
| DMB; RING7;        |                        |
| Isotype            | Rabbit IgG             |
| Host               | Rabbit                 |
| Calculated MW      | 28943 Da               |

**HLA DMB Antibody - Additional Information**

|                              |                                                                                                                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dilution                     | WB~~1:1000<br>FC~~1:10~50                                                                                                                                                              |
| Purification                 | Affinity-chromatography                                                                                                                                                                |
| Immunogen                    | A synthesized peptide derived from human HLA DMB                                                                                                                                       |
| Description                  | HLA-DMB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DMA) and a beta (DMB) chain, both anchored in the membrane. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.      |

**HLA DMB Antibody - Protein Information****Name** HLA-DMB**Synonyms** DMB, RING7**Function**

Plays a critical role in catalyzing the release of class II- associated invariant chain peptide (CLIP) from newly synthesized MHC class II molecules and freeing the peptide binding site for acquisition of antigenic peptides. In B-cells, the interaction between HLA-DM and MHC class II molecules is regulated by HLA-DO.

**Cellular Location**

Late endosome membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass type I membrane protein. Note=Localizes to late endocytic compartment. Associates

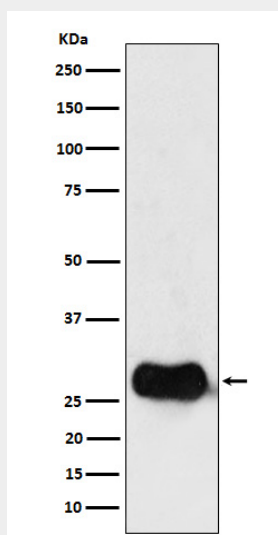
with lysosome membranes

### HLA DMB 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](#)

### HLA DMB Antibody - Images



Western blot analysis of HLA DMB expression in Raji cell lysate.