

**CD205 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51929**

**Specification**

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**CD205 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">O60449</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 205 KDa                |

**CD205 Antibody - Additional Information**

**Gene ID** 100526664;4065

**Other Names**

Lymphocyte antigen 75, Ly-75, C-type lectin domain family 13 member B, DEC-205, gp200-MR6, CD205, LY75, CD205, CLEC13B

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD205. The exact sequence is proprietary.

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**CD205 Antibody - Protein Information**

**Name** LY75

**Synonyms** CD205, CLEC13B

**Function**

Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment (By similarity). Causes reduced proliferation of B-lymphocytes.

**Cellular Location**

Membrane; Single-pass type I membrane protein

**Tissue Location**

Expressed in spleen, thymus, colon and peripheral blood lymphocytes. Detected in myeloid and B-lymphoid cell lines Isoform 2 and isoform 3 are expressed in malignant Hodgkin lymphoma cells called Hodgkin and Reed-Sternberg (HRS) cells

**CD205 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](#)

**CD205 Antibody - Images****CD205 Antibody - Background**

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**CD205 Antibody - References**

McKay P.F.,et al.Eur. J. Immunol. 28:4071-4083(1998).  
Kato M.,et al.Immunogenetics 47:442-450(1998).  
Kato M.,et al.J. Biol. Chem. 278:34035-34041(2003).  
Hillier L.W.,et al.Nature 434:724-731(2005).  
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).