

**LY75 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8994c****Specification**

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**LY75 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [O60449](#)**LY75 Antibody (Center) Blocking Peptide - 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**

The synthetic peptide sequence used to generate the antibody [AP8994c](/products/AP8994c) was selected from the Center region of human LY75. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**LY75 Antibody (Center) Blocking Peptide - 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

### **LY75 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **LY75 Antibody (Center) Blocking Peptide - Images**

### **LY75 Antibody (Center) Blocking Peptide - Background**

LY75 acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment. It causes reduced proliferation of B-lymphocytes.

### **LY75 Antibody (Center) Blocking Peptide - References**

Kato,M., et.al., Immunogenetics 47 (6), 442-450 (1998)McKay,P.F., et.al., Eur. J. Immunol. 28 (12), 4071-4083 (1998)