

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

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](#)