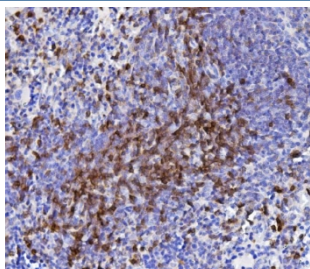


Cd5 Antibody [clone 11B4] (RQ6376)

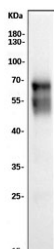
Catalog No.	Formulation	Size
RQ6376	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	11B4
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q4KLZ9
Localization	Cell surface
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml
Limitations	This Cd5 antibody is available for research use only.



IHC staining of FFPE rat spleen with Cd5 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of rat thymus lysate with Cd5 antibody. Observed molecular weight: 55~67 kDa depending on glycosylation level.

Description

CD5 is a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. In humans, the gene is located on the long arm of chromosome 11. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.

Application Notes

Optimal dilution of the Cd5 antibody should be determined by the researcher.

Immunogen

Recombinant rat protein (amino acids Q24-L494) was used as the immunogen for the Cd5 antibody.

Storage

After reconstitution, the Cd5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.