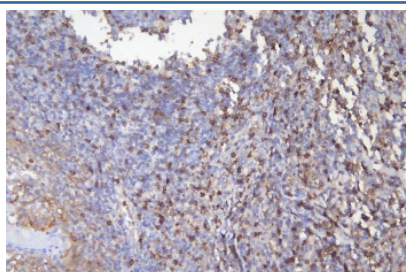


CD5 Antibody [clone 4E2.] (RQ5620)

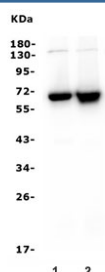
Catalog No.	Formulation	Size
RQ5620	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	4E2.
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P06127
Localization	Cytoplasmic, membranous
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This CD5 antibody is available for research use only.



IHC staining of FFPE human tonsil with CD5 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



Western blot testing of human 1) Jurkat and 2) CCRM-CEM 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

A human recombinant protein (amino acids R25-L495) was used as the immunogen for the CD5 antibody.

Storage

After reconstitution, the CD5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.