

Datasheet for ABIN6654154
anti-CD5 antibody (AA 25-495)



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2 Images

Overview

Quantity:	100 µg
Target:	CD5
Binding Specificity:	AA 25-495
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD5 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human CD5 recombinant protein (amino acids R25-L495) was used as the immunogen for the CD5 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	CD5
Alternative Name:	CD5 (CD5 Products)
Background:	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

Target Details

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.

UniProt: [P06127](#)

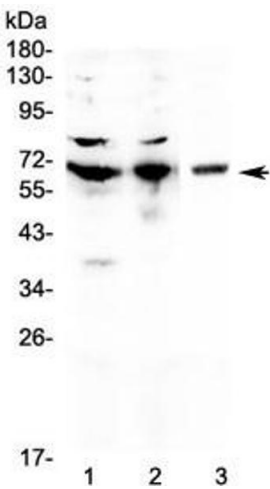
Application Details

Application Notes:	Optimal dilution of the CD5 antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL,Immunohistochemistry (FFPE): 1-2 µg/mL,Direct ELISA: 0.1-0.5 µg/mL (human recombinant protein),FACS: 1-3 µg/10 ⁶ cells
Restrictions:	For Research Use only

Handling

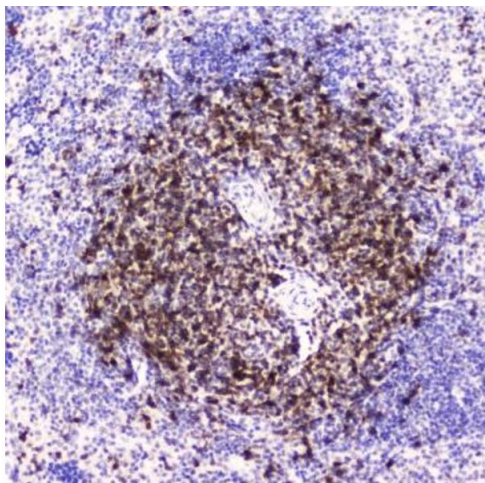
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the CD5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of 1) human Jurkat, 2) human CCRF-CEM and 3) mouse NIH3T3 cell lysate with CD5 antibody at 0.5ug/ml. Expected molecular weight: 55-67 kDa depending on glycosylation level.



Immunohistochemistry

Image 2. IHC testing of FFPE mouse spleen tissue with CD5 antibody at 2ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.