

CD5 antibody [HL5247]

Cat. No. GTX645503

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, FCM
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
FCM	Assay dependent

Note : Permeabilization : 0.1% saponin

The FcR Blocking Reagent is recommended for use prior to the addition of the researcher's antibody to samples that contain human Fc receptor-expressing cells.

Not tested in other applications.

Observed MW (kDa)	65 kDa.
Product Note	This antibody was raised against human CD5 Extracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Extracellular domain of human CD5. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



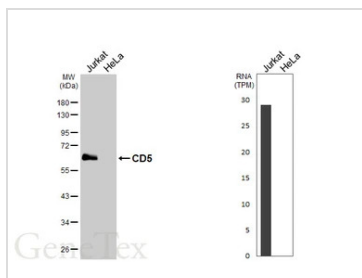
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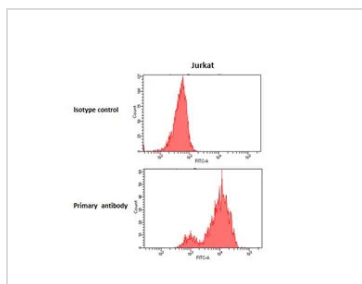
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX645503 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CD5 antibody [HL5247] (GTX645503) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on Human Protein Atlas program.


GTX645503 FCM Image

CD5 antibody [HL5247] (GTX645503) detects CD5 protein by flow cytometry analysis.

Sample: Jurkat were blocked with an FcR blocking reagent for 10 minutes and fixed in 4% paraformaldehyde at 4°C for 15 min and washed with 0.1% saponin buffer to permeabilize the cell membrane.

The cells were following stained with CD5 antibody [HL5247] (GTX645503) diluted at 1:50 or a Rabbit IgG isotype control (GTX35035) control at 4°C for 1 hour.



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