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Datasheet for ABIN6257757 anti-LY75/DEC-205 antibody (Internal Region)

2 Images



Overview

Quantity:	100 µL
Target:	LY75/DEC-205 (LY75)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY75/DEC-205 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

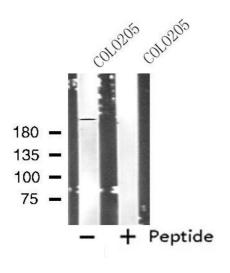
Immunogen:	A synthesized peptide derived from human LY75, corresponding to a region within the internal amino acids.
Isotype:	lgG
Specificity:	LY75 Antibody detects endogenous levels of total LY75.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	LY75/DEC-205 (LY75)
Alternative Name:	LY75 (LY75 Products)

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Target Details	
Background:	Description: 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. Gene: LY75
Molecular Weight:	200 kDa
Gene ID:	100526664, 4065
UniProt:	060449
Application Details	
Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



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Western Blotting

Image 1. Western blot analysis of extracts from COLO205 cells, using LY75 antibody.

Immunofluorescence (fixed cells)

Image 2. ABIN6275874 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25jãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37jãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

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