

Datasheet for ABIN514153
anti-CD9 antibody (AA 112-195)



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3 Images

Overview

Quantity:	100 µg
Target:	CD9
Binding Specificity:	AA 112-195
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CD9.
Immunogen:	CD9 (AAH11988, 112 a.a. ~ 195 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SHKDEVIKEV QEFYKDTYNK LKTKDEPQRE TLKAIHYALN CCGLAGGVEQ FISDICPKKD VLETFTVKSC PDAIKEVFDN KFHI
Clone:	4A2
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CD9
Alternative Name:	CD9 (CD9 Products)
Background:	Full Gene Name: CD9 Molecule Synonyms: 5H9,BA2,BTCC-1,DRAP-27,GIG2,MIC3,MRP-1,P24,TSPAN29
Gene ID:	928
Pathways:	Response to Water Deprivation, Cell-Cell Junction Organization

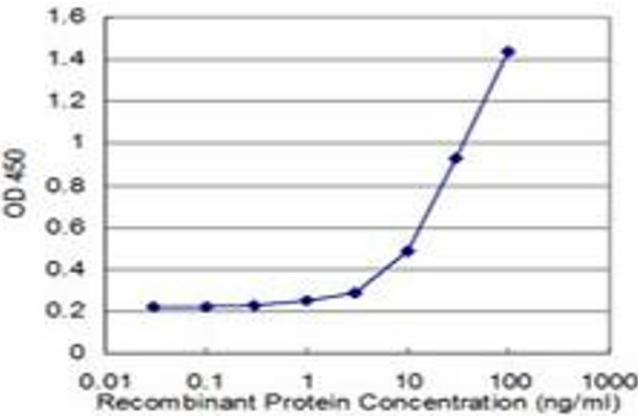
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

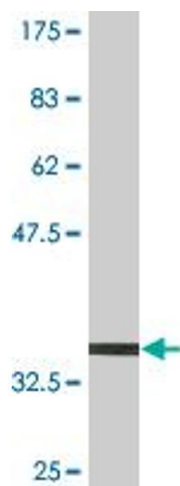
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



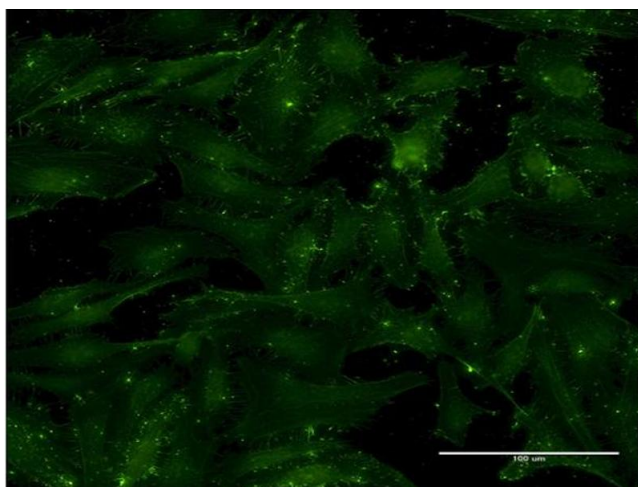
ELISA

Image 1. Detection limit for recombinant GST tagged CD9 is approximately 1ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (34.98 kDa) .



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to CD9 on HeLa cell. [antibody concentration 10 ug/ml]