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Datasheet for ABIN514191
anti-CD38 antibody (AA 201-300)

3 Images

Overview

Quantity:	100 µg
Target:	CD38
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD38 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CD38.
Immunogen:	CD38 (AAH07964, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	CDVVHVMLNG SRSKIFDKNS TFGSVEVHNL QPEKVQTL EA WVIHGGREDS RDL CQDPTIK ELESII SKRN IQFSCKNIYR PDKFLQCVKN PEDSSCTSEI
Clone:	4G3
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CD38
Abstract:	CD38 Products
Background:	Full Gene Name: CD38 Molecule Synonyms: T10
Gene ID:	952

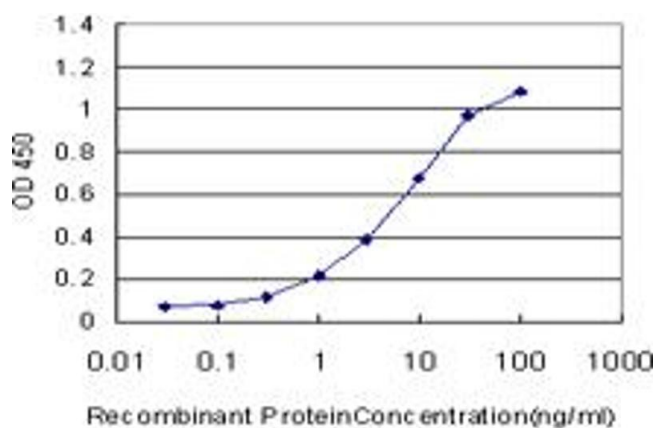
Application Details

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

Handling

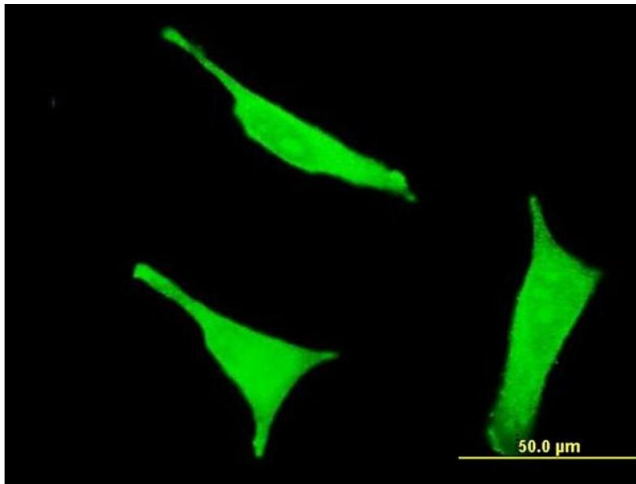
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



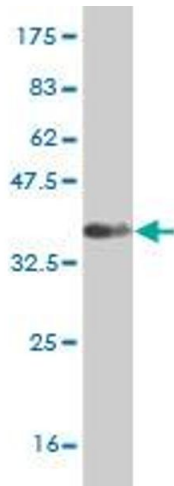
ELISA

Image 1. Detection limit for recombinant GST tagged CD38 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to CD38 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. Western Blot detection against Immunogen (36.41 kDa).