

Datasheet for ABIN560233
anti-CD19 antibody (AA 98-187)



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Overview

Quantity:	100 µg
Target:	CD19
Binding Specificity:	AA 98-187
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD19 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CD19.
Immunogen:	CD19 (NP_001761, 98 a.a. ~ 187 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QPGPPSEKAW QPGWTVNVEG SGELFRWNVS DLGGLGCGLK NRSSEGPSSP SGKLMSPKLY VWAKDRPEIW EGEPPCVPPR DSLNQSLSQD
Clone:	1G3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CD19
Alternative Name:	CD19 (CD19 Products)
Background:	Full Gene Name: CD19 Molecule Synonyms: B4,MGC12802
Gene ID:	930
NCBI Accession:	NM_001770
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway

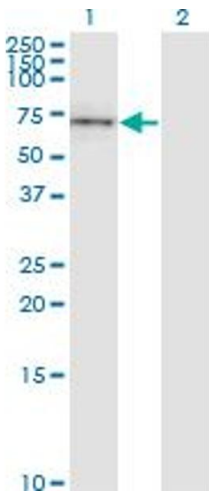
Application Details

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

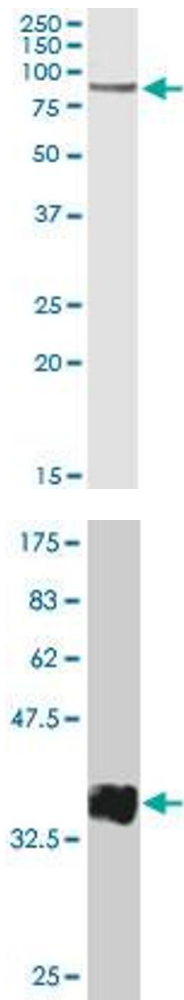


Western Blotting

Image 1. Western Blot analysis of CD19 expression in transfected 293T cell line by CD19 monoclonal antibody (M01), clone 1G3.

Lane 1: CD19 transfected lysate(61.1 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Image 2. Immunoprecipitation of CD19 transfected lysate using anti-CD19 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with CD19 MaxPab rabbit polyclonal antibody.

Western Blotting

Image 3. Western Blot detection against Immunogen (35.64 KDa) .