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Datasheet for ABIN562597
anti-KDM5A antibody (AA 191-290)

3 Images

Overview

Quantity:	100 µg
Target:	KDM5A
Binding Specificity:	AA 191-290
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KDM5A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant JARID1A.
Immunogen:	JARID1A (NP_005047, 191 a.a. ~ 290 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KVEPEVLSTD TQTSPEPGTR MNILPKRTRR VKTQSESGDV SRNTEKLLQ IFGAGPKVVG LAMGTKDKED EVTRRRKVTN RSDAFNMQMR QRKGTLSVNF
Clone:	1H2
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	KDM5A
Alternative Name:	JARID1A (KDM5A Products)
Background:	Full Gene Name: jumonji, AT rich interactive domain 1A Synonyms: KDM5A,RBBP2,RBP2
Gene ID:	5927
NCBI Accession:	NM_005056
Pathways:	Chromatin Binding , Warburg Effect

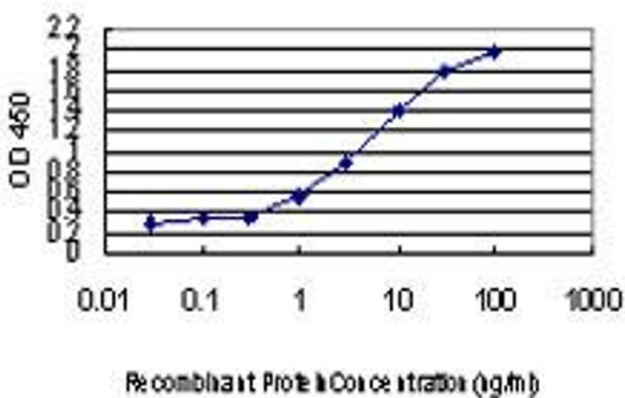
Application Details

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

Handling

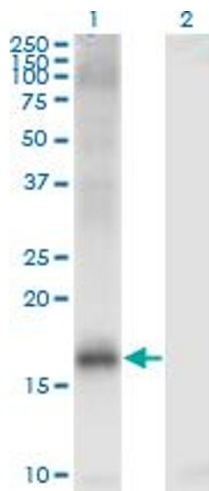
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged JARID1A is approximately 0.03ng/ml as a capture antibody.

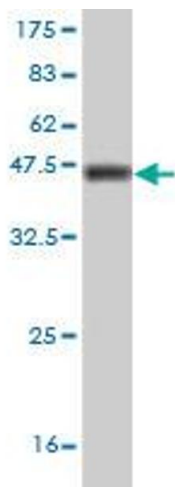


Western Blotting

Image 2. Western Blot analysis of JARID1A expression in transfected 293T cell line by JARID1A monoclonal antibody (M03), clone 1H2.

Lane 1: JARID1A transfected lysate (Predicted MW: 11.11 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.74 KDa) .