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Datasheet for ABIN565987

## anti-PCDHGA5 antibody (AA 205-304)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	PCDHGA5
Binding Specificity:	AA 205-304
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PCDHGA5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PCDHGA5.
Immunogen:	PCDHGA5 (NP_061741, 205 a.a. ~ 304 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	ETVHDLLLTA LDGGDPVLSG TTHIRVTVLD ANDNAPLFTP SEYSVSVPEN IPVGTRLLML TATDPDEGIN GKLTYFRNE EEKISETFQL DSNLGEISTL
Clone:	5H5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	PCDHGA5
Alternative Name:	PCDHGA5 ( <a href="#">PCDHGA5 Products</a> )
Background:	Full Gene Name: protocadherin gamma subfamily A, 5 Synonyms: CDH-GAMMA-A5,ME3,MGC142020,PCDH-GAMMA-A5
Gene ID:	56110
NCBI Accession:	<a href="#">NM_018918</a>

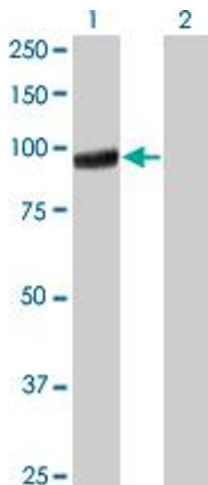
## Application Details

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

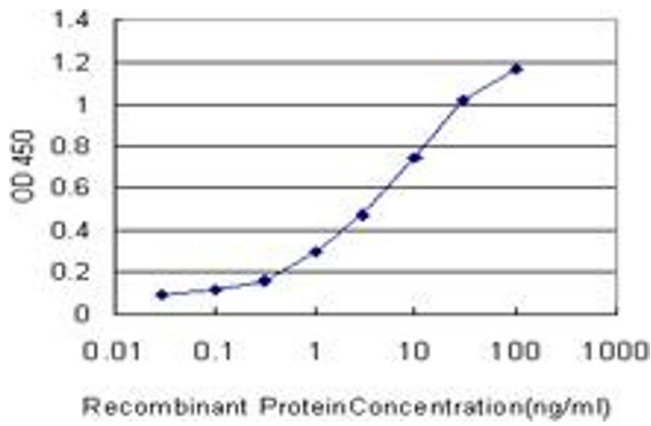


### Western Blotting

**Image 1.** Western Blot analysis of PCDHGA5 expression in transfected 293T cell line by PCDHGA5 monoclonal antibody (M01), clone 5H5.

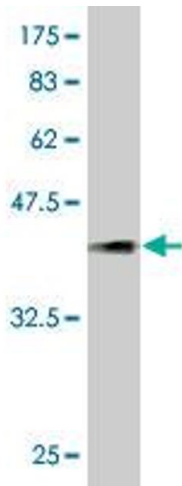
Lane 1: PCDHGA5 transfected lysate(100.935 kDa).

Lane 2: Non-transfected lysate.



### ELISA

**Image 2.** Detection limit for recombinant GST tagged PCDHGA5 is approximately 0.1ng/ml as a capture antibody.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (36.74 kDa).