

Datasheet for ABIN566023
anti-TRPV5 antibody (AA 1-100)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TRPV5
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRPV5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TRPV5.
Immunogen:	TRPV5 (NP_062815, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGGFLPKAEG PGSQLQKLLP SFLVREQDWD QHLDKLHMLQ QKRILESPLL RASKENDLSV LRQLLLDCTC DVRQRGALGE TALHIAALYD NLEAALVLME
Clone:	2A6
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TRPV5
Alternative Name:	TRPV5 (TRPV5 Products)
Background:	Full Gene Name: transient receptor potential cation channel, subfamily V, member 5 Synonyms: CAT2,ECAC1,OTRPC3
Gene ID:	56302
NCBI Accession:	NM_019841

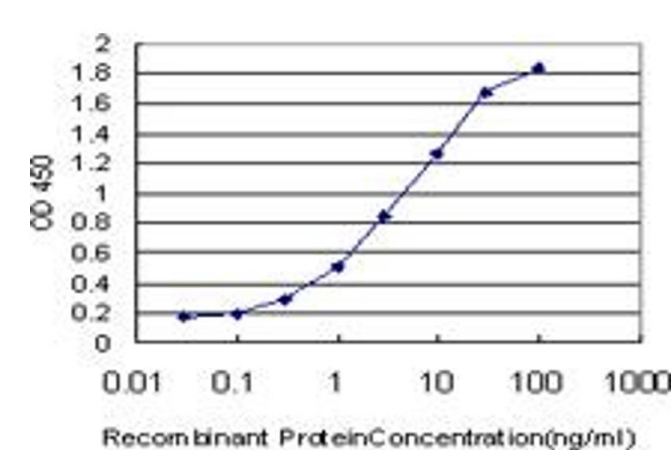
Application Details

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

Handling

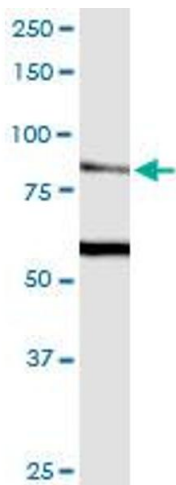
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



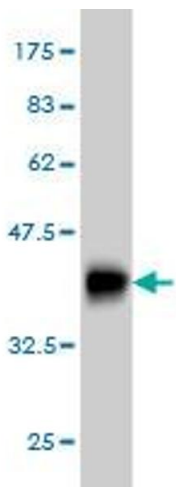
ELISA

Image 1. Detection limit for recombinant GST tagged TRPV5 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 2. TRPV5 monoclonal antibody (M02), clone 2A6. Western Blot analysis of TRPV5 expression in human kidney.



Western Blotting

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