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Datasheet for ABIN1989544
anti-TRPV4 antibody (AA 772-871)

1 Image

Overview

Quantity:	100 µg
Target:	TRPV4
Binding Specificity:	AA 772-871
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRPV4 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TRPV4.
Immunogen:	TRPV4 (NP_067638.3, 772 a.a. ~ 871 a.a) partial recombinant protein with GST-pstS1 tag.
Sequence:	PDRRWCFRVD EVNWSHWNQNLGIINEDPGK NETYQYYGFS HTVGRLRRDR WSSVVP RVVE LNKNSNPDEV VVPLDSMGNP RCDGHQQGYPRKWRTDDAPL
Clone:	4E11
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TRPV4
Alternative Name:	TRPV4 (TRPV4 Products)
Background:	Full Gene Name: transient receptor potential cation channel, subfamily V, member 4 Synonyms: OTRPC4,TRP12,VR-OAC,VRL-2,VRL2,VROAC
Gene ID:	59341
NCBI Accession:	NM_021625
Pathways:	Hormone Transport, Cell-Cell Junction Organization

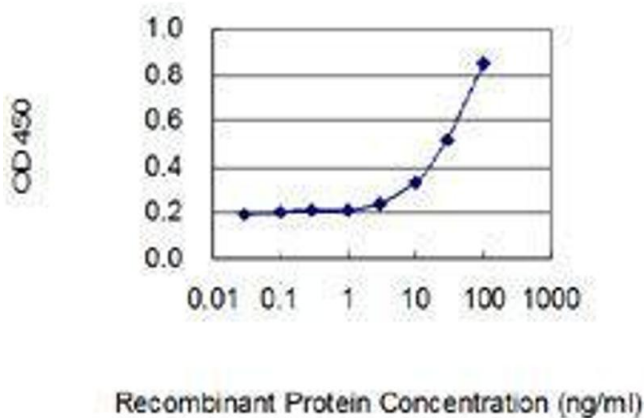
Application Details

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 TRPV4 is 1 ng/ml as a capture antibody.