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Datasheet for ABIN948162

## anti-Myosin VI antibody (AA 1188-1285)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	Myosin VI (MYO6)
Binding Specificity:	AA 1188-1285
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Myosin VI antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant MYO6.
Immunogen:	MYO6 (NP_004990.2, 1188 a.a. ~ 1285 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KKKGGWYAHF DGPWIARQME LHPDKPPILL VAGKDDMEMC ELNLEETGLT RKRGAELPR QFEEIWERC GGIQYLQNAIE SRQARPTYAT AMLQSLLK
Clone:	2E12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	Myosin VI (MYO6)
Alternative Name:	MYO6 ( <a href="#">MYO6 Products</a> )
Background:	Full Gene Name: myosin VI Synonyms: DFNA22,DFNB37,KIAA0389
Gene ID:	4646
NCBI Accession:	<a href="#">NM_004999</a>
Pathways:	<a href="#">Sensory Perception of Sound</a> , <a href="#">Dicarboxylic Acid Transport</a> , <a href="#">Asymmetric Protein Localization</a>

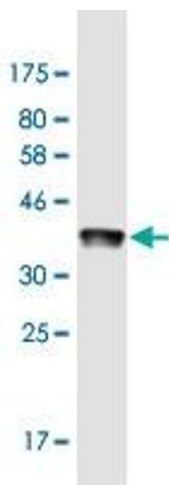
## Application Details

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

## Handling

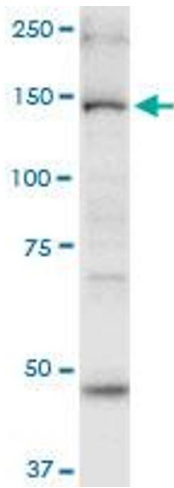
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



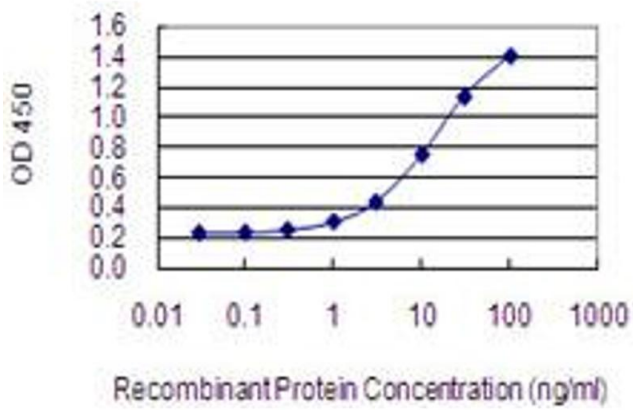
### Western Blotting

**Image 1.** Western Blot detection against Immunogen (36.52 KDa) .



### Western Blotting

**Image 2.** MYO6 monoclonal antibody (M02), clone 2E12. Western Blot analysis of MYO6 expression in MCF-7.



### ELISA

**Image 3.** Detection limit for recombinant GST tagged MYO6 is 0.3 ng/ml as a capture antibody.