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Datasheet for ABIN519486
anti-PTK7 antibody (AA 36-145)

3 Images

Overview

Quantity:	100 µg
Target:	PTK7
Binding Specificity:	AA 36-145
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PTK7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PTK7.
Immunogen:	PTK7 (NP_002812, 36 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KQPSSQDALQ GRRALLRCEV EAPGPVHVYV LLDGAPVQDT ERRFAQGSSL SFAAVDRLQD SGTFQCVARD DVTGEEARSA NASFNKWIE AGPVVLKHPA SEAEIQPQTQ
Clone:	4A6
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PTK7
Alternative Name:	PTK7 (PTK7 Products)
Background:	Full Gene Name: PTK7 protein tyrosine kinase 7 Synonyms: CCK4
Gene ID:	5754
NCBI Accession:	NM_002821
Pathways:	RTK Signaling, Tube Formation

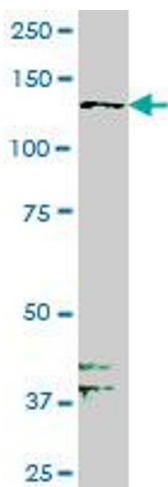
Application Details

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

Handling

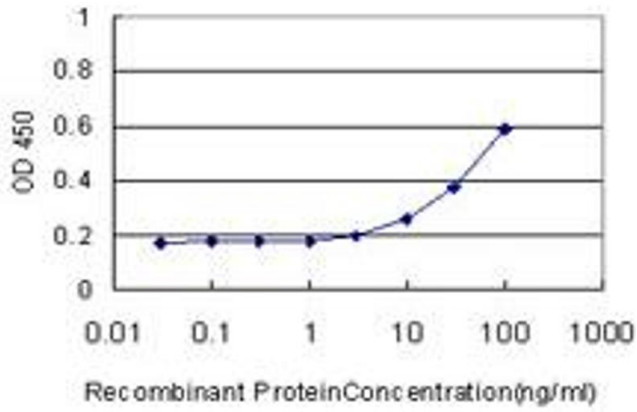
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



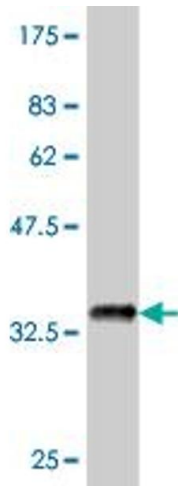
Western Blotting

Image 1. PTK7 monoclonal antibody (M03), clone 4A6
Western Blot analysis of PTK7 expression in MCF-7 .



ELISA

Image 2. Detection limit for recombinant GST tagged PTK7 is approximately 3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.84 kDa).