antibodies -online.com









Overview

Quantity:	100 μg
Target:	HIPK4
Binding Specificity:	AA 519-616
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HIPK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HIPK4.
Immunogen:	HIPK4 (AAH34501.1, 519 a.a. \sim 616 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	RGSSWEEGEH LGASAEPLAI LQRDEDGPNI DNMTMEAERP DPELFDPSSC PGEWLSEPDC TLESVRGPRA QGLPPRRSHQ HGPPRGATSF LQHVTGHH
Clone:	2E8
Isotype:	lgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HIPK4
Alternative Name:	HIPK4 (HIPK4 Products)
Background:	Full Gene Name: homeodomain interacting protein kinase 4 Synonyms: FLJ32818
Gene ID:	147746

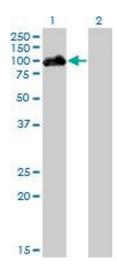
Application Details

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

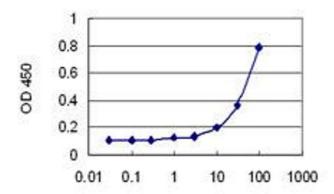


Western Blotting

Image 1. Western Blot analysis of HIPK4 expression in transfected 293T cell line by HIPK4 monoclonal antibody (M01), clone 2E8.

Lane 1: HIPK4 transfected lysate(69.4 KDa).

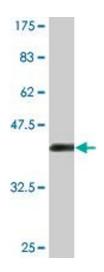
Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged HIPK4 is 3 ng/ml as a capture antibody.

Recombinant Protein Concentration (ng/ml)



Western Blotting

Image 3. Western Blot detection against Immunogen (36.52 KDa) .