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Datasheet for ABIN561800
anti-MAP3K4 antibody (AA 1201-1300)

3 Images

Overview

Quantity:	100 µg
Target:	MAP3K4
Binding Specificity:	AA 1201-1300
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAP3K4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant MAP3K4.
Immunogen:	MAP3K4 (NP_005913, 1201 a.a. ~ 1300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	AASRPSPSGG DSVLPKSISS AHDTRGSSVP ENDRLASIAA ELQFRSLSRH SSPTEERDEP AYPRGDSSGS TRRSWELRTL ISQSKDTASK LGPIEAIQKS
Clone:	6A12
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	MAP3K4
Alternative Name:	MAP3K4 (MAP3K4 Products)
Background:	Full Gene Name: mitogen-activated protein kinase kinase kinase 4 Synonyms: FLJ42439,KIAA0213,MAPKKK4,MEKK4,MTK1,PRO0412
Gene ID:	4216
NCBI Accession:	NM_005922
Pathways:	MAPK Signaling

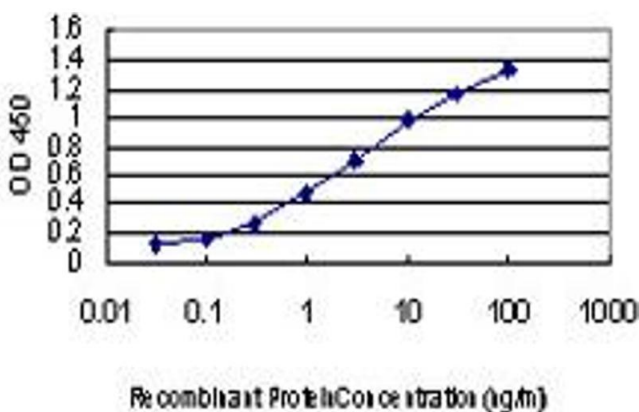
Application Details

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

Handling

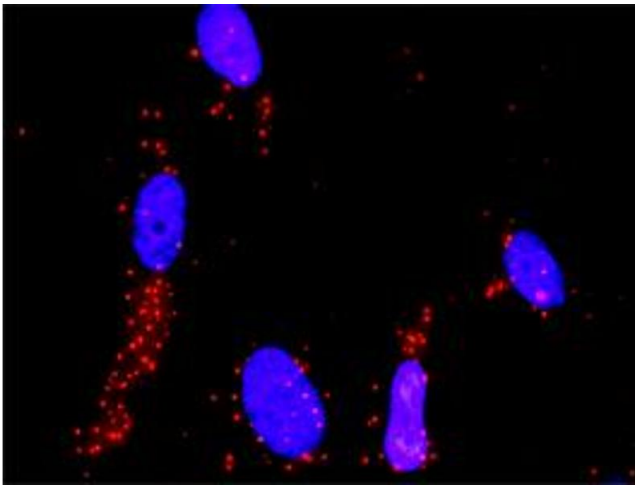
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



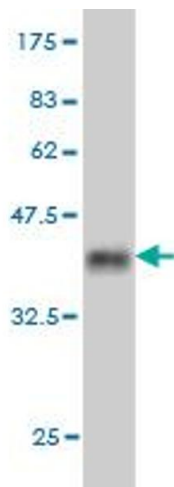
ELISA

Image 1. Detection limit for recombinant GST tagged MAP3K4 is approximately 0.1ng/ml as a capture antibody.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between MAP2K3 and MAP3K4. HeLa cells were stained with anti-MAP2K3 rabbit purified polyclonal 1:1200 and anti-MAP3K4 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western Blotting

Image 3. Western Blot detection against Immunogen (36.63 kDa).