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Datasheet for ABIN562795
anti-MAPK12 antibody (AA 251-367)

3 Images

Overview

Quantity:	100 µg
Target:	MAPK12
Binding Specificity:	AA 251-367
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAPK12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant MAPK12.
Immunogen:	MAPK12 (AAH15741, 251 a.a. ~ 367 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QRLQSDEAKN YMKGLPELEK KDFASILTNA SPLAVNLLK MLVLDAEQRV TAGEALAHPY FESLHDEDE PQVQKYDDSF DDVDRTLDEW KRVTYKEVLS FKPPRQLGAR VSKETPL
Clone:	1G4
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	MAPK12
Alternative Name:	MAPK12 (MAPK12 Products)
Background:	Full Gene Name: mitogen-activated protein kinase 12 Synonyms: ERK3,ERK6,P38GAMMA,PRKM12,SAPK-3,SAPK3
Gene ID:	6300
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Regulation of Muscle Cell Differentiation , Hepatitis C , BCR Signaling , S100 Proteins

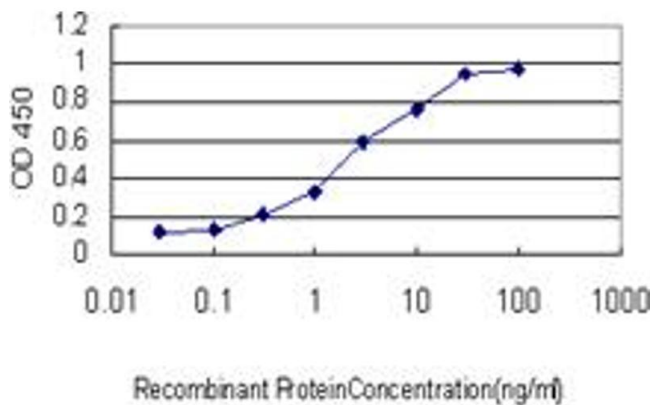
Application Details

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

Handling

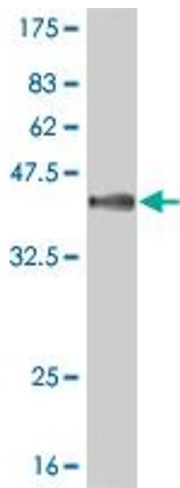
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



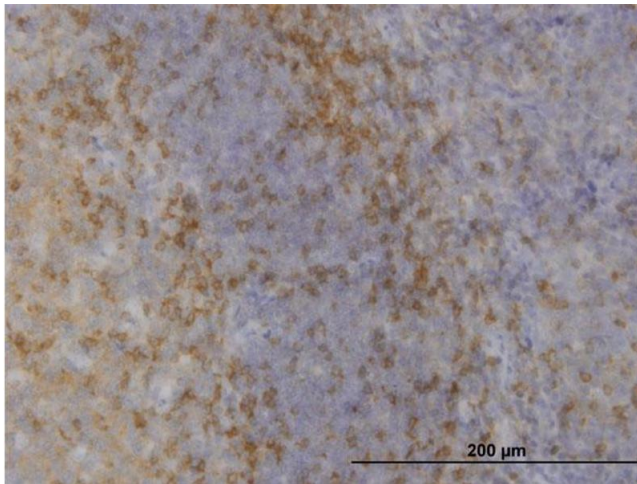
ELISA

Image 1. Detection limit for recombinant GST tagged MAPK12 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (38.61 KDa) .



Immunostaining

Image 3. Immunoperoxidase of monoclonal antibody to MAPK12 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]