

Datasheet for ABIN515112
anti-DUSP9 antibody (AA 174-278)

3 Images

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Overview

Quantity:	100 µg
Target:	DUSP9
Binding Specificity:	AA 174-278
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DUSP9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant DUSP9.
Immunogen:	DUSP9 (NP_001386, 174 a.a. ~ 278 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	AESEADRDSM SCGLDSEGAT PPPVGLRAS F PVQILPNLYL GSARDSANLE SLAKLGIRYI LNVTPNLPNF FEKNGDFHYK QIPISDHWSQ NLSRFFPEAI EFIDE
Clone:	2E3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	DUSP9
Alternative Name:	DUSP9 (DUSP9 Products)
Background:	Full Gene Name: dual specificity phosphatase 9 Synonyms: MKP-4,MKP4
Gene ID:	1852
NCBI Accession:	NM_001395

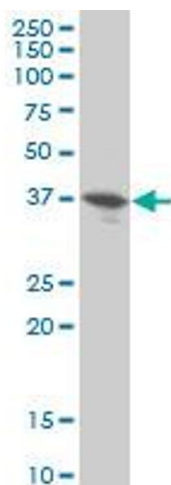
Application Details

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

Handling

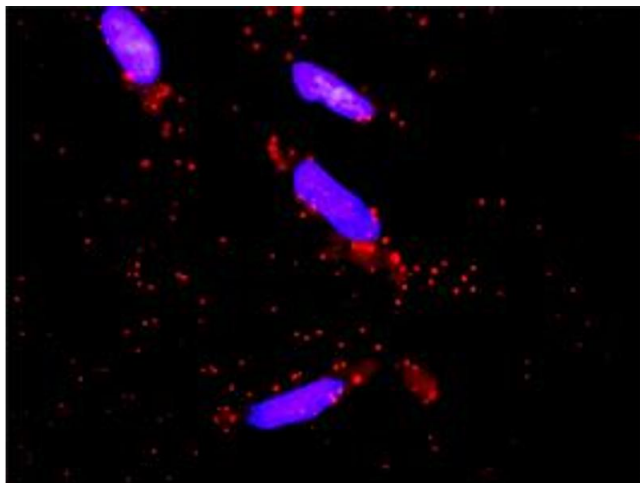
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



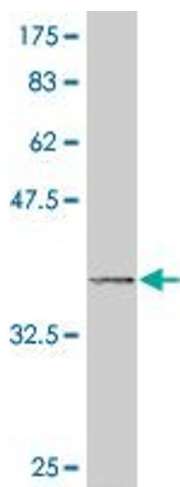
Western Blotting

Image 1. DUSP9 monoclonal antibody (M04), clone 2E3
Western Blot analysis of DUSP9 expression in HeLa .



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between MAPK3 and DUSP9. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-DUSP9 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 (37.29 kDa) .