
Product Name: DUSP1 Rabbit Monoclonal Antibody**Catalog #: AMRe86514**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:100-1:200,FC 1:100-1:200,IP 1:50-1:100
Molecular Weight	Calculated MW:39 kDa; Observed MW:39 kDa

Antigen Information

Gene Name	DUSP1
Alternative Names	HVH1; MKP1; CL100; MKP-1; PTPN10
Gene ID	1843
SwissProt ID	P28562
Immunogen	A synthetic peptide of human DUSP1

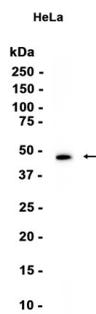
Background

The protein encoded by this gene is a phosphatase with dual specificity for tyrosine and threonine. The encoded protein can dephosphorylate MAP kinase MAPK1/ERK2, which results in its involvement in several cellular processes. This protein appears

to play an important role in the human cellular response to environmental stress as well as in the negative regulation of cellular proliferation. Finally, the encoded protein can make some solid tumors resistant to both chemotherapy and radiotherapy, making it a target for cancer therapy. [provided by RefSeq, Aug 2017]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using DUSP1 Rabbit Monoclonal Antibody at 1:1000.