

Anti-DUSP1/Mkp 1 Rabbit Monoclonal Antibody

Catalog Number: M02276

About DUSP1

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.

Overview

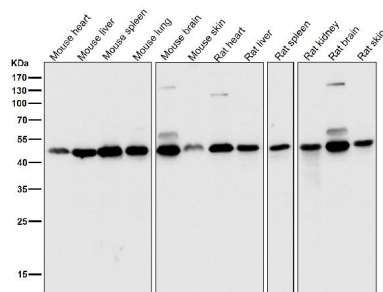
Product Name	Anti-DUSP1/Mkp 1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DUSP1/Mkp 1 Rabbit Monoclonal Antibody catalog # M02276. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal IHB-4
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P28562

Technical Details

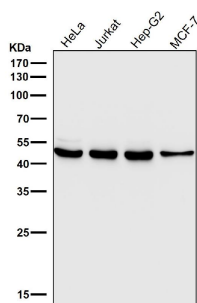
Immunogen	A synthesized peptide derived from human DUSP1
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
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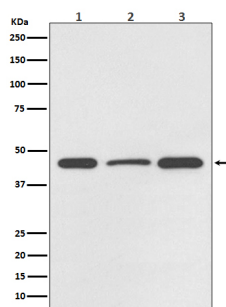
Anti-DUSP1/Mkp 1 Rabbit Monoclonal Antibody (M02276) Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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Western blot analysis of DUSP1 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate; (3) PC-12 cell lysate.

2 Publications Citing This Product

1. PubMed ID: 10.1002/jcp.27390, USP49 inhibits ischemia-reperfusion-induced cell viability suppression and apoptosis in human AC16 cardiomyocytes through DUSP1-JNK1/2 signaling
2. PubMed ID: 33242618, Lin S, Li Q, Jiang S, Xu Z, Jiang Y, Liu L, Jiang J, Tong Y, Wang P. Crocetin ameliorates chronic restraint stress-induced depression-like behaviors in mice by regulating MEK/ERK pathways and gut microbiota. J Ethnopharmacol. 2020 Nov 23;113608. doi:10.1016/j.jep.20

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