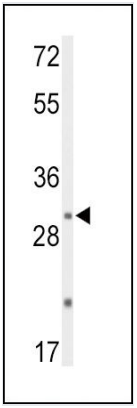
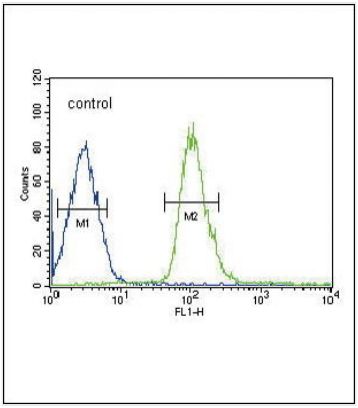
DUSP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DUSP2, Polyclonal Antibody
Full Product Name	DUSP2, CT (DUSP2, PAC1, Dual specificity protein phosphatase 2, Dual specificity protein phosphatase PAC-1) (MaxLight 750)
Product Gene Name	anti-DUSP2 antibody
Product Synonym Names	DUSP2; PAC1; Dual specificity protein phosphatase 2; Dual specificity protein phosphatase PAC-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Ammonium Sulfate Precipitation
Specificity	Recognizes human DUSP2 at ~34kD. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	34,400 Da
OMIM	603068
3D Structure	ModBase 3D Structure for Q05923
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 262-290 in the C-terminal region of human DUSP2, UniProt Accession #Q05923.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-DUSP2 antibody	Antibodies; Enzymes; Phosphatase
Applications Tested/Suitable for anti-DUSP2 antibody	Flow Cytometry (FC/FACS), Western Blot (WB), FLISA
Application Notes for anti-DUSP2 antibody	FC/FACS: 1:10-1:50 WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-DUSP2 antibody	MBS6293827 is an antibody targeting DUSP2. Also known as DUSP2, CT (DUSP2, PAC1, Dual specificity protein phosphatase 2, Dual specificity protein phosphatase PAC-1) (MaxLight 750). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-DUSP2 antibody	1. Caunt, C.J., et.al., J. Biol. Chem. 283 (10), 6241-6252 (2008). 2. Baranyai, R., et.al., Neuropsychobiology 57 (3), 146-150 (2008).
Other Notes	Small volumes of anti-DUSP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-DUSP2 antibody
Western blot analysis of MBS6006852 in mouse liver tissue lysates (35ug/lane). DUSP2 (arrow) was detected using the purified Pab.



Flow Cytometry (FC/FACS) of anti-DUSP2 antibody
Flow cytometric analysis using MBS6006852 in HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DUSP2. It may not necessarily be applicable to this product.

NCBI GI #	4758206
NCBI GeneID	1844
NCBI Accession #	NP_004409
UniProt Primary Accession #	Q05923
UniProt Secondary Accession #	Q53T45
UniProt Related Accession #	Q05923
GenBank Nucleotide #	NM_004418
NCBI Official Full Name	dual specificity protein phosphatase 2
NCBI Official Synonym Full Names	dual specificity phosphatase 2
NCBI Official Symbol	DUSP2
NCBI Official Synonym Symbols	PAC1; PAC-1
UniProt Protein Name	Dual specificity protein phosphatase 2
UniProt Synonym Protein Names	Dual specificity protein phosphatase PAC-1
Protein Family	Dual specificity protein phosphatase
UniProt Gene Name	DUSP2
UniProt Synonym Gene Names	PAC1
UniProt Entry Name	DUS2_HUMAN
NCBI Protein Information	dual specificity protein phosphatase 2; dual specificity protein phosphatase PAC-1; dual-specificity phosphatase 2; serine/threonine specific protein phosphatase
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