Mouse IRF6 Monoclonal Antibody | anti-IRF6 antibody

IRF6 antibody

CATALOG #	HOST	APPLICATIONS
AAA107127	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

IRF6; Monoclonal Antibody; IRF6 antibody; Monoclonal IRF6; Anti-IRF6; Interferon Regulatory Factor 6; LPS; OFC6; PIT; PPS; VWS; IRF 6; IRF-6; anti-IRF6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G3
Purity/Purification	IRF6 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	467
Applicable Applications for anti-IRF6 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	IRF6 is a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. Mutations in its gene can cause van der Woude syndrome and popliteal pterygium syndrome. This protein is involved in palate formation.
Cross-Reactivity	Human
Immunogen	IRF6 antibody was raised in mouse using a full length recombinant protein of human IRF6 (NP_006138) produced in HEK293 cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant IRF6 protein using IRF6 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant IRF6 protein (Right) or empty vector (Left) detected with IRF6 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-IRF6 antibody	Mouse monoclonal IRF6 antibody

Product Categories/Family for anti-IRF6 antibody	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453700
NCBI GeneID	3664
NCBI Accession #	NP_006138
NCBI GenBank Nucleotide #	NM_006147.3
UniProt Accession #	O14896; B4DLE2; D3DT90; F5GWX8; G0ZTL0
Molecular Weight	41,930 Da
NCBI Official Full Name	interferon regulatory factor 6 isoform 1
NCBI Official Synonym Full Names	interferon regulatory factor 6
NCBI Official Symbol	IRF6
NCBI Official Synonym Symbols	LPS; PIT; PPS; VWS; OFC6; PPS1; VWS1
NCBI Protein Information	interferon regulatory factor 6
UniProt Protein Name	Interferon regulatory factor 6
UniProt Gene Name	**IRF6**
UniProt Synonym Gene Names	IRF-6
UniProt Entry Name	IRF6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/irf6-antibody-clone-1g3-western-blot-immunofluorescence-flow-cytometry-elisa/107127