

Mouse anti-Human Interferon regulatory factor 9/IRF-9 Monoclonal Antibody | anti-IRF9 antibody

Interferon regulatory factor 9/IRF-9 Mouse Monoclonal Antibody [Clone PCRP-IRF9-2F8]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215524	Mouse	Human	Immunofluorescence, Flow Cytometry, Functional Assay

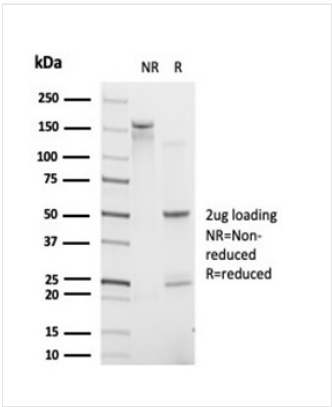
PRODUCT SYNONYMS

Interferon regulatory factor 9/IRF-9; Monoclonal Antibody; Interferon regulatory factor 9/IRF-9 Mouse Monoclonal Antibody [Clone PCRP-IRF9-2F8]; IFN alpha responsive transcription factor subunit; Interferon regulatory factor 9; Interferon-stimulated gene factor 3 gamma; interferon-stimulated transcription factor 3; gamma 48kDa; IRF-9; ISGF-3 gamma; ISGF3 p48 subunit; ISGF3G; p48; Transcriptional regulator ISGF3 subunit gamma; anti-IRF9 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a
Clone Number	PCRP-IRF9-2F8
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-IRF9 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human IRF9 protein
Cellular Localization	Cytoplasm, Nucleus, Translocated into the nucleus upon activation by IFN-alpha/beta
Positive Control	MCF-7, Jurkat or K562 cells.
Hu-chromosome Location	14q12
Unigene	1706
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE
SDS-PAGE Analysis. Purified IRF9 Mouse Monoclonal Antibody (PCRP-IRF9-2F8).
Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF9 antibody	Transcription regulatory factor that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9/ISGF3G to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	266392
NCBI GeneID	10379
UniProt Accession #	Q00978; D3DS61
Molecular Weight	393
NCBI Official Full Name	Interferon regulatory factor 9
NCBI Official Synonym Full Names	interferon regulatory factor 9
NCBI Official Symbol	IRF9
NCBI Official Synonym Symbols	p48; IRF-9; ISGF3; ISGF3G
NCBI Protein Information	interferon regulatory factor 9; ISGF-3 gamma; ISGF3 p48 subunit; interferon-stimulated gene factor 3 gamma; transcriptional regulator ISGF3 subunit gamma; IFN-alpha-responsive transcription factor subunit; interferon-stimulated transcription factor 3, gam
UniProt Protein Name	Interferon regulatory factor 9
UniProt Gene Name	IRF9
UniProt Synonym Gene Names	ISGF3G; IRF-9; ISGF-3 gamma
UniProt Entry Name	IRF9_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.