



IRF8 mouse mAb

Catalog No	YP-mAb-18279
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	IRF8 ICSBP1
Immunogen	Synthesized peptide derived from human IRF8
Specificity	This antibody detects endogenous levels of IRF8 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	H ICSBP;ICSBP;ICSBP1;IRF 8;IRF8;IRF8 ICSBP1;Interferon regulatory factor 8 (IRF-8) (Interferon consensus sequence-binding protein) (H-ICSBP) (ICSBP)
Observed Band	48 kDa
Calculated Molecular Weight	48 kDa
Cell Pathway	Nucleus . Cytoplasm . In resting macrophages, localizes in the cytoplasm. Translocated in the nucleus upon IFN-gamma induction. .
Tissue Specificity	Nucleus . Cytoplasm . In resting macrophages, localizes in the cytoplasm. Translocated in the nucleus upon IFN-gamma induction. .
Function	Transcription factor that specifically binds to the upstream regulatory region of type I interferon (IFN) and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) . Can both act as a transcriptional activator or repressor (By similarity). Plays a negative regulatory role in cells of the immune system (By similarity). Involved in CD8(+) dendritic cell differentiation by forming a complex with the BATF-JUNB heterodimer in immune cells, leading to recognition of AICE sequence (5'-TGAnTCA/GAAA-3'), an immune-specific regulatory element, followed by cooperative binding of BATF and IRF8 and activation of genes (By similarity). Required for the development of plasmacytoid dendritic cells (pDCs), which produce most of the type I IFN in response to viral



infection (By similarity). Positively regulates macroautophagy in dendritic cells .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images