

Datasheet for ABIN303274
anti-IRF8 antibody (C-Term)



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1 Image

Overview

Quantity:	50 µg
Target:	IRF8
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic Peptide corresponding to 16 amino acids near the carboxy-terminus of human IRF8.
Specificity:	This antibody recognises Interferon Consensus Sequence Binding Protein 1 (IRF8 / ICSBP1).
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	IRF8
Alternative Name:	IRF8 / ICSBP1 (IRF8 Products)
Background:	Interferon consensus sequence binding protein (ICSBP) is a transcription factor of the interferon (IFN) regulatory factor (IRF) family. Proteins of this family are composed of a conserved DNA binding domain in the N terminal region and a divergent C terminal region that serves as the regulatory domain. The IRF family proteins bind to the IFN stimulated response

Target Details

element (ISRE) and regulate expression of genes stimulated by type I IFNs, namely IFN alpha and IFN beta. IRF family proteins also control expression of IFN alpha and IFN beta regulated genes that are induced by viral infection. IRF8 specifically binds to the upstream regulatory region of type I IFN and IFN inducible MHC class I genes (the interferon consensus sequence (ICS)). Unlike IRF3, IRF8 appears to act as a negative regulator of IFN induced genes in most cases, but IRF8 mediates activation of NF kappaB by the toll like receptor 9 (TLR9) after stimulation by unmethylated CpG DNA in dendritic cells. Finally, it has been shown that IRF8 decreases bcl-2 expression and thus may play a role in chronic myelogenous leukemia
Synonyms: IRF-8, Interferon consensus sequence-binding protein, Interferon regulatory factor 8

Gene ID:	3394
NCBI Accession:	NP_002154
UniProt:	Q02556
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Immunohistochemistry on Paraffin Sections (5 µg/mL). Western Blot (1-2 µg/mL). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Buffer:	Phosphate Buffered Saline PBS containing 0.02 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C to -70 °C for longer. Dilute only prior to immediate use.

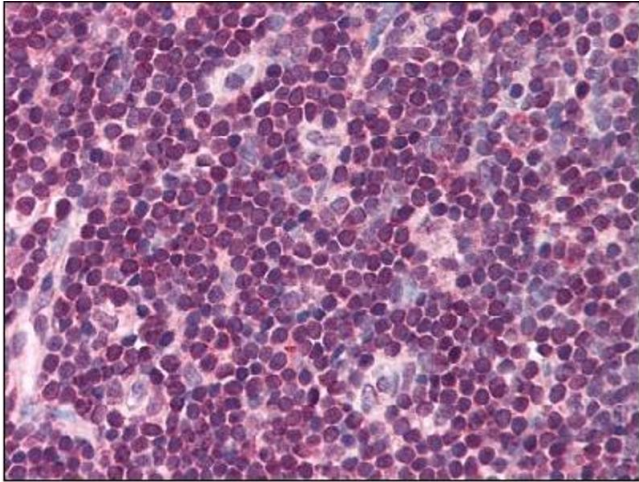


Image 1.