



Rabbit Anti-Human IRF8 monoclonal antibody, clone 35I24M30 (CABT-L1424)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Dog and Rabbit
Target	IRF8
Immunogen	Peptides corresponding to Human IRF8 (aa 261-277, 411-426)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	35I24M30
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

Interferons (IFN)s are involved in a multitude of immune interactions during viral infections and play a major role in both the induction and regulation of innate and adaptive antiviral mechanisms. During infection, host-virus interactions signal downstream molecules such as transcription factors such as IFN regulatory factor-3 (IRF3) which can act to stimulate transcription of IFN-alpha/beta genes. Unlike IRF3, IRF8 appears to act as a negative regulator of IFN-induced genes in most cases, but IRF8 mediates activation of NF-kappa-B 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.

Keywords

IRF8;interferon regulatory factor 8;ICSBP;IRF-8;ICSBP1;IMD32A;IMD32B;H-ICSBP;interferon consensus sequence binding protein 1

GENE INFORMATION

Entrez Gene ID

[3394](#)

UniProt ID

[Q02556](#)