



Rabbit Anti-Human IRF7 monoclonal antibody, clone 2I42M54 (CABT-L1423)

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

PRODUCT INFORMATION

Target	IRF7
Immunogen	A recombinant protein corresponding to amino acids 269-378.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	2I42M54
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction

IRF-7 is one of nine members of the Interferon Regulatory Factor. The IRF7 gene is induced by the Interferon-triggered Jak-STAT pathway and includes two Interferon in the promoter region and an IFN-stimulated response element in the first intron. It has been shown that all elements of IFN responses, whether the systemic production of IFN in innate immunity or the local action of IFN from plasmacytoid dendritic cells in adaptive immunity, are under the control of IRF-7. IRF-7 is similar to IRF-3 in their virus-induced phosphorylation, dimerization, and nuclear transport, but differ in the cell types in which they are expressed and expression levels.

Keywords

IRF7;interferon regulatory factor 7;IRF7A;IRF7B;IRF7C;IRF7H;IRF-7H;IRF-7;interferon regulatory factor-7H