



Rabbit Anti-IRF1 monoclonal antibody, clone TS55-19 (CABT-L582)

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

PRODUCT INFORMATION

Target	IRF1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TS55-19
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	48 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	NIH/3T3, PC-12, Hela, Jurkat, human colon cancer tissue, mouse brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

Interferon regulatory factor-1 (IRF-1) and IRF-2 have been identified as novel DNA-binding factors that function as regulators of both type I interferon (interferon- α and β) and interferon-inducible genes. The two factors are structurally related, particularly in their N-terminal regions, which confer DNA binding specificity. In addition, both bind to the same sequence within the promoters of interferon- α and interferon- β genes. IRF-1 functions as an activator of interferon transcription, while IRF-2 binds to the same cis elements and represses IRF-1 action. IRF-1 and IRF-2 have been reported to act in a mutually antagonistic manner in regulating cell growth; overexpression of the repressor IRF-2 leads to cell transformation while concomitant overexpression of IRF-1 causes reversion. IRF-1 and IRF-2 are members of a larger family of DNA binding proteins that includes IRF-3, IRF-4, IRF-5, IRF-6, IRF-7, ISGF-3 p48 (a component of the ISGF-3 complex) and IFN consensus sequence-binding protein (ICSBP).

Keywords

Interferon regulatory factor 1;Interferon regulatory factor 1 isoform +I9;Interferon regulatory factor 1 isoform d78;Interferon regulatory factor 1 isoform delta4;Interferon regulatory factor 1 isoform delta7;IRF 1;IRF-1;IRF1;IRF1_HUMAN;MAR;MAR1 antibody
