



Rabbit Anti-Human STAT1 monoclonal antibody, clone D.267.0 (CABT-L1606)

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

PRODUCT INFORMATION

Target	STAT1
Immunogen	Synthetic peptide corresponding to the sequence of human Stat1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Non-human primate
Clone	D.267.0
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ICC, IHC-P, IF, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction	The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor
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associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described.

Keywords	STAT1;signal transducer and activator of transcription 1, 91kDa;signal transducer and activator of transcription 1, 91kD;signal transducer and activator of transcription 1-alpha/beta;ISGF 3;STAT91;transcription factor ISGF 3 components p91/p84;transcription factor ISGF-3 components p91/p84;signal transducer and activator of transcription-1;CANDF7
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GENE INFORMATION

Entrez Gene ID [6772](#)

UniProt ID [P42224](#)