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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

STAT3 monoclonal antibody, clone CL0490

Catalog Number: MAB15635

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant human STAT3.

Clone Name: CL0490

Immunogen: Recombinant protein corresponding to human STAT3.

Sequence:

GVTFTWVEKDISGKTQIQSVPEPYTKQQLNNMSFAEIIM
GYKIMDATNILVSPLVLYLPDIPKEEAFGKYCRPESQE
HPEADPGSAAPYLKTKFICVPTTCSNTIDLPMSPRTL
DSLMMQFGNNGEGAEPSAGGQFESLTFDMELTSECA

Host: Mouse

Epitope: This antibody binds to an epitope located within the peptide sequence TKFICVPTTCSNTI as determined by overlapping synthetic peptides.

Reactivity: Human

Applications: IHC-P, WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Isotype: IgG1

Recommend Usage: Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections)

(1:200-1:500)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6774

Gene Symbol: STAT3

Gene Alias: APRF, FLJ20882, HIES, MGC16063

Gene Summary: 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 associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated through phosphorylation in response to various cytokines and growth factors including IFNs, EGF, IL5, IL6, HGF, LIF and BMP2. This protein mediates the expression of a variety of genes in response to cell stimuli, and thus plays a key role in many cellular processes such as cell growth and apoptosis. The small GTPase Rac1 has been shown to bind and regulate the activity of this protein. PIAS3 protein is a specific inhibitor of this protein. Three alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

References:

1. Nuclear receptor NR5A2 controls neural stem cell fate decisions during development. Stergiopoulos A, Politis PK. Nat Commun. 2016 Jul 22;7:12230. doi: 10.1038/ncomms12230.