

Rev03
Update: Aug,08,2025**DATASHEET**

p-STAT3 (S727) Antibody, mAb, Rabbit

Cat. No.: A02685

Overview

Specificity	This product is specific to p-STAT3 (S727)
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human STAT3 around the phosphorylation site of S727
Species Reactivity	Human; Mouse; Rat
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

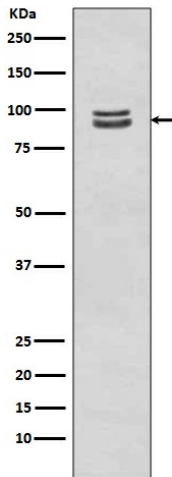
Application	Recommended Usage
Western Blot	1:1000-1:2000
Immunohistochemistry (IHC)	1:100-1:200
Immunocytochemistry/Immunofluorescence (ICC/IF)	1:50-1:200
Immunohistochemistry Frozen (IHF)	1:50-1:200
Immunoprecipitation (IP)	1:20-1:50

Properties

Form	Liquid
Storage Buffer	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.

Purification	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal

Examples



Western blot analysis of Phospho-STAT3 (S727) expression in A431 cell lysate treated with EGF.

Background

Target Background : Signal transducer and transcription activator that mediates cellular responses to interleukins, KITLG/SCF, LEP and other growth factors. Once activated, recruits coactivators, such as NCOA1 or MED1, to the promoter region of the target gene. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4.

Synonyms : APRF; Acute-phase response factor; Signal transducer and activator of transcription 3; Stat3;

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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