

Anti-STAT4 Antibody (Monoclonal, 32S09)

Catalog Number: M00734-3

About STAT4

STAT4 is a human gene. The protein encoded by this gene is a member of the STAT protein family of transcription factors. STAT4 is mapped to chromosome 2q32.2-q32.3 by fluorescence in situ hybridization. STAT4 is phosphorylated in response to interleukin-12 and is essential for IL12 signal transduction. Transactivation, electrophoretic mobility shift, and RNA interference analyses showed that Ikaros bound to the STAT4 promoter and was involved in regulation of STAT4 in human T cells.

Overview

Product Name	Anti-STAT4 Antibody (Monoclonal, 32S09)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-STAT4 Antibody (Monoclonal, 32S09) catalog # M00734-3. Tested in WB, IHC, IF, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal 32S09
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14765

Technical Details

Immunogen	Synthetic peptide within human STAT4 aa 702-746.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunofluorescence, 1:50-200

Immunocytochemistry/Immunofluorescence, 1:50-200
ImmunoPrecipitation, 1:50
Flow Cytometry (Fixed), 1:50-200

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For Research Use Only. Not for use in diagnostic procedures.