

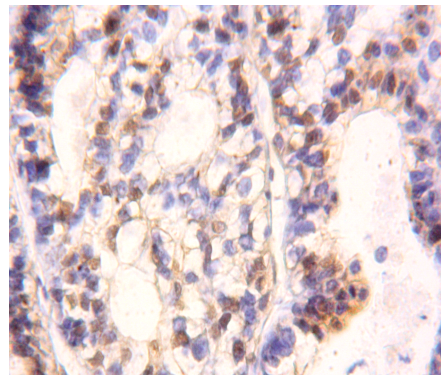
A91743Hu81
FITC-linked Antibody
To Signal Transducer And Activator Of Transcription 3 (STAT3)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: STAT3, Human
Conjugation: FITC
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Concentration: 200µg/mL
UOM: 50µg



Human Gastric adenocarcinoma stained with anti-STAT3 antibody

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant STAT3 (Arg335~Trp546) expressed in *E.coli*.
USCN Accession No.: P91743Hu01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.
MGHHHHHSGSEF-RPLVIK TGVQFTTKVR LLVKFPELNY QLKIKVCIDK DSGDVAALRG
SRKFNILGTN TKVMNMEESN NGLSAEFKH LTLREQRCGN GGRANCDASL IVTEELHLIT
FETEVYHQGL KIDLETHSLP VVISNICQM PNAWASILWY NMLTNNPKNV NFFTCKPIGT
WDQVAEVLWSV QFSSTTKRGL SIEQLTTLAE KLLGPGVNYS GCQITW

Unique product Superb quality Client favorite Nicest service  ISO9001:2008 ;  ISO13485:2003 ; 

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against STAT3. It has been selected for its ability to recognize STAT3 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant STAT3 (Arg335~Trp546) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.