

Anti-STAT3-Isoform 1/2 antibody (C-Term) (STJ70033)

STJ70033

GENERAL INFORMATION

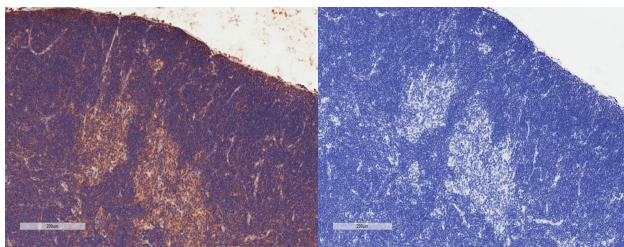
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|--------------------------|---|
| Product Type | Primary antibodies |
| Short Description | Goat polyclonal antibody anti-STAT3-Isoform 1/2 (C-Term) is suitable for use in ELISA, Western Blot, Immunohistochemistry, Immunofluorescence and Flow Cytometry research applications. |
| Applications | Pep-ELISA, WB, IHC, IF, FC |
| Host/Source | Goat |
| Reactivity | Human, Mouse, Rat, Dog, Pig, Cow |

PRODUCT PROPERTIES

| | |
|----------------------------|--|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | 0.5 mg/mL |
| Conjugation | Unconjugated |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Dilution Range | IHC-4-6µg/ml IF-Strong expression of the protein seen in the cytoplasm of HeLa and A431 cells. 10µg/ml ELISA-antibody detection limit dilution 1:8000. |
| Formulation | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Isotype | IgG |
| Storage Instruction | Store at -20 on receipt and minimise freeze-thaw cycles. |

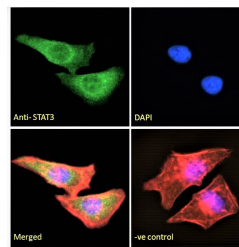
TARGET INFORMATION

| | |
|---------------------------|--|
| Gene ID | 6774 |
| Gene Symbol | STAT3 |
| Uniprot ID | STAT3_HUMAN |
| Immunogen | |
| Immunogen Region | C-Term |
| Specificity | This antibody is expected to recognise isoforms 1 and 2 (as represented by NP_644805.1 and NP_003141.2 respectively) |
| Immunogen Sequence | DMELTSECATSPM |

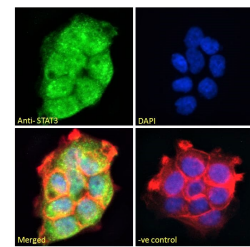


STJ70033 (4µg/ml) staining of paraffin embedded Mouse Thymus. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

STJ70033 Negative Control showing staining of paraffin embedded Mouse Thymus, with no primary antibody.



STJ70033 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and weak nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70033 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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