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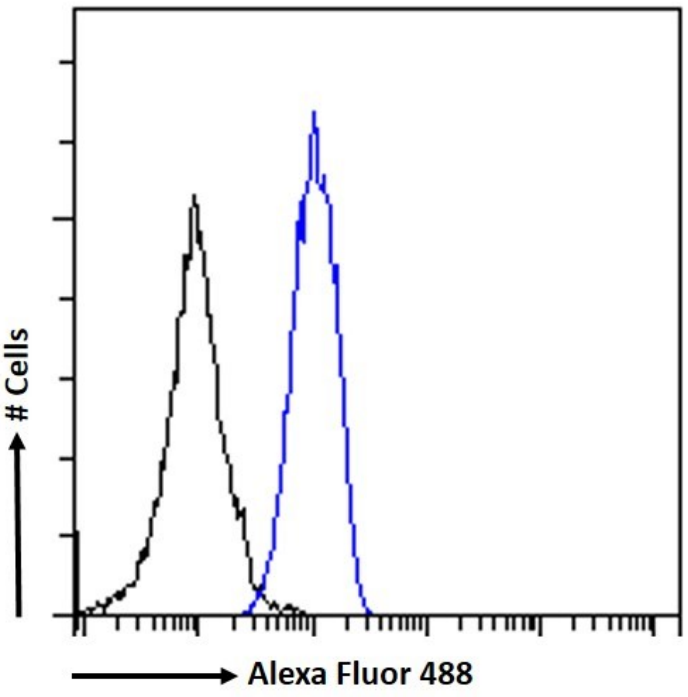
GOAT ANTI-STAT5A (AA681-692) ANTIBODY

SKU: EB11393



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	STAT5A| STAT5| signal transducer and activator of transcription 5A| MGF
Usage Summary	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371. Flow Cytometry: Flow cytometric analysis of K562 cells. Recommended concentration: 10ug/ml.
Accession ID	NP_003143.2
Blocking Peptide	EBP11393

Immunogen	Peptide with sequence C-KYYTPVLAKAVD, from the internal region of the protein sequence according to NP_003143.2.
Product Comments	This antibody is not expected to cross-react with STAT5B.
Peptide Sequence	C-KYYTPVLAKAVD
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human
Human Gene ID	6776
Mouse Gene ID	20850
Rat Gene ID	24918
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Spleen. Recommended concentration: 5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:8000.
Western Blot	Approx 100kDa band observed in lysates of cell line K562 (calculated MW of 90.6kDa according to NP_003143.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature
Application Type	Pep-ELISA, WB, IHC, FC

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

DOCUMENTS

- Data Sheet

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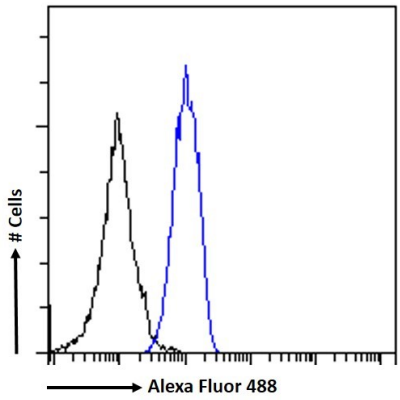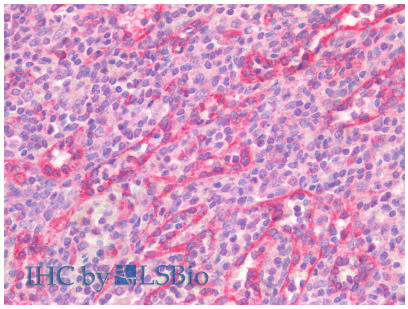
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