

Mouse anti-Human TYK2 Monoclonal Antibody | anti-TYK2 antibody

TYK2 (Non-receptor Tyrosine-protein Kinase TYK2, JTK1) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25877	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot

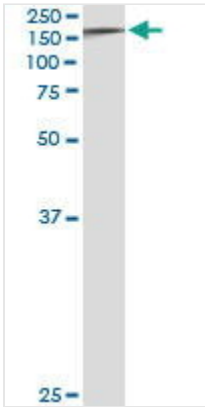
PRODUCT SYNONYMS

TYK2; Monoclonal Antibody; TYK2 (Non-receptor Tyrosine-protein Kinase TYK2; JTK1) (PE); EC=2.7.10.2; anti-TYK2 antibody

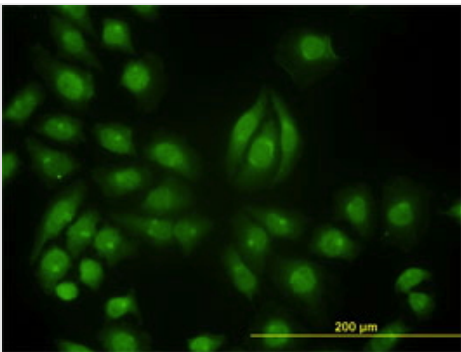
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	6G12
Specificity	Recognizes human TYK2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.4. No preservative added. Labeled with R-Phycoerythrin (PE).
Concentration	0.45 mg/mL (varies by lot)
Applicable Applications for anti-TYK2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody. Immunohistochemistry: Formalin fixed, paraffin embedded tissues Optimal dilutions to be determined by the researcher. IF: 10ug/ml
Immunogen	Partial recombinant corresponding to aa276-375 from human TYK2 (AAH14243) with GST tag. MW of the GST tag alone is 26kD.
Conjugate	PE
Amino Acid Sequence	PVCHLRLLAQAEGEPCYIRD SGVAPTDPGPESAAGPPTHEVLVTGTGGIQWWPV EEEVNKEEGSSGSSGRNPQASLFGKKAKAHKAFGQPADRPREPL
Preparation and Storage	Store product at 4°C in the dark. DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

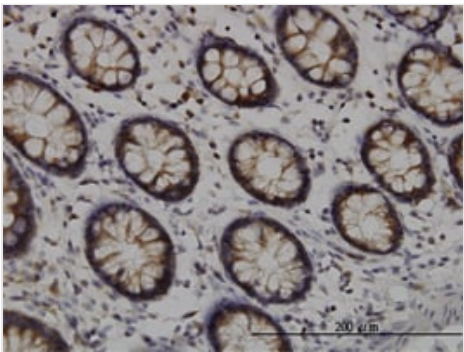
IMAGES



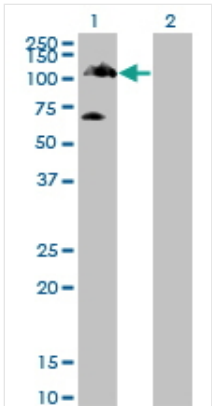
IP (Immunoprecipitation)
Immunoprecipitation of TYK2 transfected lysate using TYK2 monoclonal antibody and Protein A Magnetic Bead and immunoblotted with TYK2 rabbit polyclonal antibody.



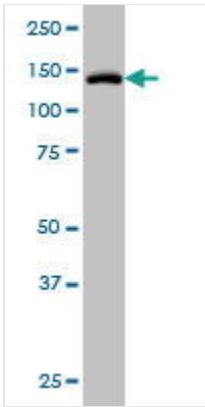
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to TYK2 on HeLa cells using [antibody concentration 10ug/ml]



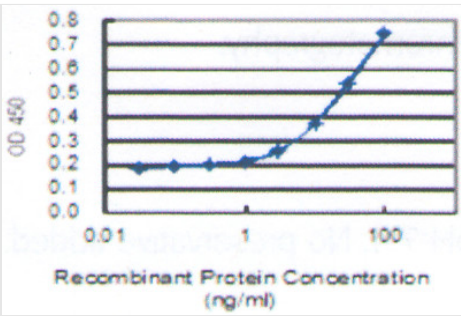
IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to TYK2 on formalin-fixed paraffin-embedded human colon using [antibody concentration 3ug/ml]



WB (Western Blot)
Western Blot analysis of TYK2 expression in transfected 293T cell line using 1: TYK2 transfected lysate (133.7kD).Lane 2: Non-transfected lysate.



WB (Western Blot)
TYK2 monoclonal antibody, Western Blot analysis of TYK2 expression in HeLa cells using .



ELISA
Detection limit for recombinant GST tagged TYK2 is 1ng/mL using AAA25877 as a capture antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TYK2 antibody	Antibodies; Protein Kinases
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33878411
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NCBI GeneID	7297
NCBI Official Full Name	Homo sapiens tyrosine kinase 2, mRNA
NCBI Official Synonym Full Names	tyrosine kinase 2
NCBI Official Symbol	TYK2
NCBI Official Synonym Symbols	JTK1; IMD35
NCBI Protein Information	non-receptor tyrosine-protein kinase TYK2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tyk2-antibody-clone-6g12-immunofluorescence-immunohistochemistry-immunoprecipitation-western-blot-elisa/25877>