

Mouse TYK2 Monoclonal Antibody | anti-TYK2 antibody

TYK2 (Tyrosine Kinase 2, JTK1) (FITC)

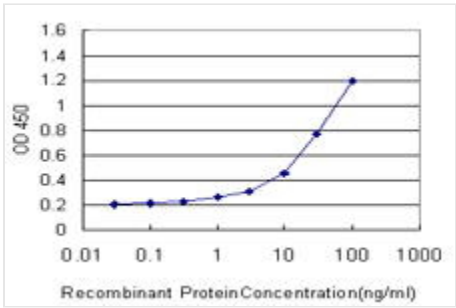
CATALOG # AAA26333	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TYK2; Monoclonal Antibody; TYK2 (Tyrosine Kinase 2; JTK1) (FITC); Tyrosine Kinase 2; JTK1; anti-TYK2 antibody

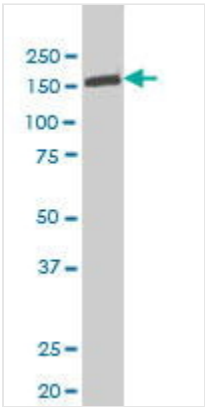
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	6H1
Specificity	Recognizes TYK2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Sequence Length	1187
Applicable Applications for anti-TYK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	TYK2 (AAH14243, 276aa-375aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PVCHLRLLAQAEGEPCYIRD SGVAPTDPGPESAAGPPTHEVLVTGTGGIQWWPVVEEVNKEEGSSGSSGRNPQASLFGKKAKAHKAFGQPADRPREPL
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



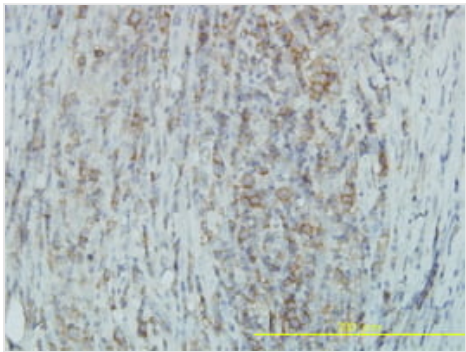
Application Data

Detection limit for recombinant GST tagged TYK2 is approximately 1ng/ml as a capture antibody.



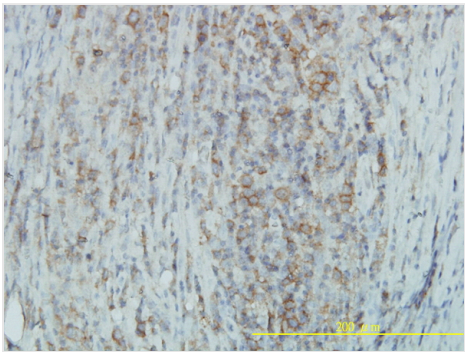
WB (Western Blot)

TYK2 monoclonal antibody (M03), clone 6H1 Western Blot analysis of TYK2 expression in Hela S3 NE (Cat # L013V3).



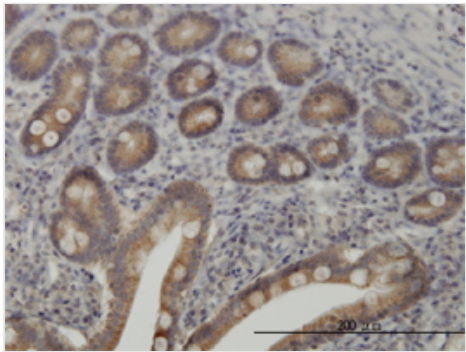
IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to TYK2 on formalin-fixed paraffin-embedded human lymphoma. [antibody concentration 3 ug/ml]



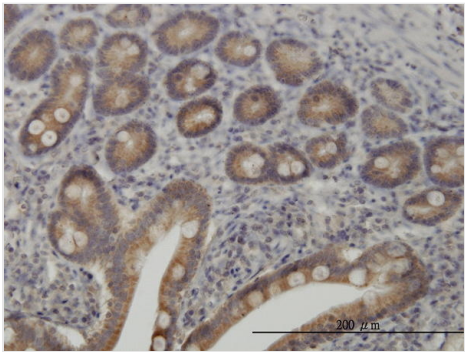
IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to TYK2 on formalin-fixed paraffin-embedded human lymphoma. [antibody concentration 3 ug/ml]



IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to TYK2 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Application Data

Immunoperoxidase of monoclonal antibody to TYK2 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-TYK2 antibody	This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E. [provided by RefSeq]
Product Categories/Family for anti-TYK2 antibody	Antibodies; Tyrosine Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	15559784
NCBI GeneID	7297
NCBI Official Full Name	Tyrosine kinase 2
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://www.aaabiotech.com/monoclonal/tyk2-antibody-clone-6h1-immunohistochemistry-western-blot-elisa/26333>