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

TYK2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268501	**Mouse**	**Human**	**ELISA, Western Blot**

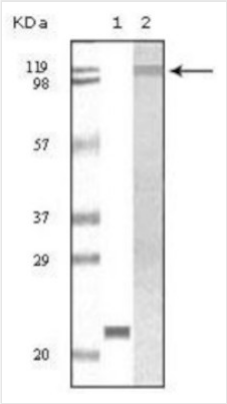
PRODUCT SYNONYMS

TYK2; Monoclonal Antibody; TYK2 Mouse mAb; JTK1; anti-TYK2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8G8B3
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1187
Applicable Applications for anti-TYK2 antibody	ELISA, WB (Western Blot)
Immunogen	Purified recombinant fragment of Tyk2 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western Blot analysis using Tyk 2 Monoclonal Antibody against truncated TYK2 recombinant protein (1) and Jurkat cell lysate(2).

ADDITIONAL INFORMATION

Related Product Information for anti-TYK2 antibody	Tyk2 (tyrosine kinase 2),with 1187-amino acid protein (about 131kDa), belongs to the family of non-receptor janus tyrosine kinases, which also includes Jak1, Jak2,and Jak3. Kinases of the Jak family regulate a spectrum of cellular functions downstream of activated cytokine receptors in the lympho-hematopoietic system.Tyk2 is activated by a variety of cytokines: IFN-alpha, IFN-beta, IL-6, IL-10, IL-12,and IL -13 and promotes IFN-gamma production by Th1-type CD4 cells. Tyk2 can be viewed as a dual-function Jak, mediating both pro-inflammatory and anti inflammatory cytokine responses. Tyk2 is also an important regulator of lymphoid tumor surveillance.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187608615
NCBI GeneID	7297
NCBI Accession #	NP_003322.3
NCBI GenBank Nucleotide #	NP_003322.3
UniProt Accession #	P29597
NCBI Official Full Name	non-receptor tyrosine-protein kinase TYK2
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
UniProt Protein Name	Non-receptor tyrosine-protein kinase TYK2
UniProt Gene Name	**TYK2**
UniProt Entry Name	TYK2_HUMAN

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-8g8b3-western-blot-elisa/268501