

Datasheet

TYK2 monoclonal antibody (M02), clone 5A4

Catalog Number: H00007297-M02

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant TYK2.

Clone Name: 5A4

Immunogen: TYK2 (AAH14243, 276 a.a. ~ 375 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

PVCHLRLLAQAEGEPCYIRD SGVAPTDPGPESAAGPP
THEVLVTGTGGIQWWPVEEEVNKEEGSSGSSGRNPQ
ASLFGKKAKAHKAFGQPADRPREPLWA

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7297

Gene Symbol: TYK2

Gene Alias: JTK1

Gene Summary: 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]