

Mouse anti-Syk, clone SYK-01 (Monoclonal)

Clone no. SYK-01

MONOSAN

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Product name	Mouse anti-Syk, clone SYK-01 (Monoclonal)
Host	Mouse
Applications	IP, WB, IHC-P, ICC
Species reactivity	Human, Rat, Mouse
Conjugate	-
Immunogen	Recombinant fragment (aa 5-360) of human Syk.
Isotype	IgG1
Clonality	Monoclonal
Clone number	SYK-01
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Syk is a cytoplasmic protein tyrosine kinase that translocates to the plasma membrane upon B cell antigen receptor (BCR) or the high-affinity IgE receptor (FcεRI) triggering, and phosphorylates downstream adaptor proteins, thereby providing docking sites for initiation of subsequent signaling pathways, such as calcium mobilization, cytoskeleton remodeling, or transcription of specific genes. Syk binds to the receptor assemblies through interactions of its pair of SH2 domains with ITAM motives of the receptor, which have been phosphorylated by Src-family kinases. These kinases also help to activate Syk by phosphorylation of its activation loop.

**References**

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3. -
4. -
5. -

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