

Product datasheet      MON6031

**MONOSAN**<sup>®</sup>

Mouse anti-Fyn, clone FYN-1 (Monoclonal)

Clone no.      FYN-1

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Product name	Mouse anti-Fyn, clone FYN-1 (Monoclonal)
Host	Mouse
Applications	IP, WB, IHC-P, ICC
Species reactivity	Human, Mouse
Conjugate	-
Immunogen	Bacterially expressed recombinant fragment of human Fyn (aa 7-176).
Isotype	IgG2b
Clonality	Monoclonal
Clone number	FYN-1
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**

Fyn is a ubiquitously expressed Src-family protein tyrosine kinase with important roles e.g. in immune and nervous system. It regulates N-methyl-D-aspartate (NMDA) receptor functions, thus affecting various brain functions, and even many of its other substrates are important for neural migration, synaptic plasticity, oligodendrocyte differentiation, and axon growth and guidance. In immune system Fyn namely regulates the commitment of T cells to activation, is important in T cell anergy induction, promotes mast cell chemotaxis and reorganization of cytoskeleton and participates in mast cell activation. Fyn is also involved in embryonic stem cell growth and differentiation, associates with tubulin and may play roles in mitotic spindle formation.

References	1.	-
	2.	-
	3.	-
	4.	-
	5.	-

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