

Purified anti-Fyn

Catalog # / Size: 626501 / 25 µg
626502 / 100 µg

Clone: FYN-59

Isotype: Mouse IgG

Immunogen: Partial recombinant human Fyn (aa 7-176) expressed in E coli

Reactivity: Human, Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide at 0.5 mg/ml.

Concentration: 0.5 mg/ml

Storage: Upon receipt, store antibody solution undiluted at 4°C.

Applications:

Applications: WB - *Quality tested*
IP - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. For Western blotting, suggested working dilution(s): Use 5 µg per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Laird RM, *et al.* 2010. *J. Immunol.* 185:6518. PubMed

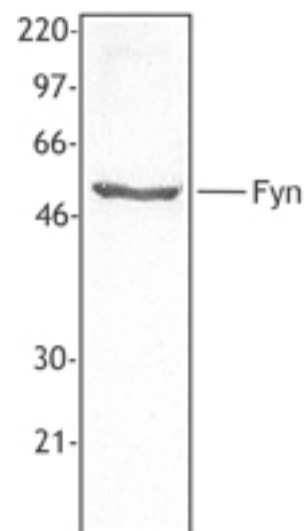
Description: Fyn is a 59 kD protein tyrosine kinase and a member of the src subfamily. There are two reported isoforms of Fyn; FynT found in T cells, B cells and thymocytes, and FynB found in neuronal cells. Fyn has been shown to control cell growth, interact with the p85 subunit of PI3K, control high affinity IgE receptor-mediated mast cell degranulation, and participate in neuronal cell signaling. Fyn can be activated by T cell receptor engagement or anti-CD3 ligation. Fyn is known to be modified by phosphorylation and palmitoylation and has been shown to interact with Fyn binding protein, p85 PI3K, high affinity IgE receptor, and NCAM140. The FYN-59 monoclonal antibody recognizes human and mouse Fyn and has been shown to be useful for Western blotting, immunoprecipitation, and immunohistochemistry.

Antigen References: 1. Goldsmith J, *et al.* 2002. *Biochem. Biophys. Res. Comm.* 298:501.
2. Prasad K, *et al.* 1993. *P. Natl. Acad. Sci. USA* 90:7366.
3. Kawakami T, *et al.* 1986. *Mol. Cell. Biol.* 6:4195.

Related Products: **Product**
HRP Donkey anti-rabbit IgG (minimal x-reactivity)

Clone
Poly4064

Application
ELISA, IHC, WB



Extracts from human PBMC were resolved by electrophoresis, transferred to nitrocellulose, and probed with monoclonal antibody against Fyn. Proteins were visualized using a goat anti-mouse secondary conjugated to HRP and a chemiluminescence detection system.



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