

Product Datasheet

FYN Antibody (orb43790)

Catalog Number	orb43790
Category	Antibodies
Description	Mouse Monoclonal to Fyn.
Target	FYN
Clonality	Monoclonal
Isotype	Mouse IgG2b
Conjugation	Unconjugated
Reactivity	Human, Mouse
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	Bacterially expressed recombinant fragment of human Fyn (aa 7-176).
UniProt ID	P06241
RRID	AB_10999235
Tested applications	ICC, IHC-P, IP, WB

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Application notes

Immunohistochemistry (paraffin sections): Recommended dilution: 5 µg/ml; positive tissue: brain. Western blotting: Recommended dilution: 2 µg/ml; positive control: JURKAT human T cell leukemia cell line. Immunoprecipitation: positive control: J77 T cell line. Preparation of cell lysate: 30 min on ice (orbital incubator) in lysing buffer, lysing buffer with N-dodecyl beta-D-maltoside (20 mM Tris/Cl, 100 mM NaCl pH 8,2, 1% laurylmaltosid (w/v), 50 mM NaF). The antibody FYN-01 apparently gives very specific signal (by 59 kDa), and nicely immunoprecipitates Fyn from cell lysates.

Specificity

The mouse monoclonal antibody FYN-01 recognizes Fyn, a 59 kDa non-receptor Src-family protein tyrosine kinase (intracellular antigen).

Antibody Type

Primary Antibody

Clone Number

FYN-01

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

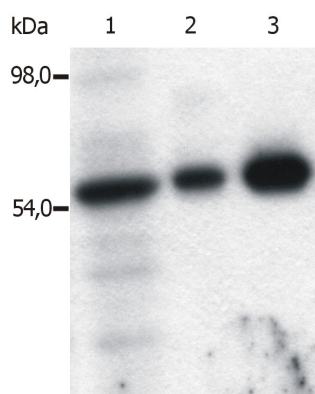
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Entrez

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Expiration Date

12 months from date of receipt.



Immunoprecipitation of Fyn from the lysate of T cells isolated from fresh buffy coats. Western blot was immunostained with anti-Fyn (FYN-01). Lane 1: original lysate of T cells; Lane 2-3: Immunoprecipitated material eluted from affinity sorbent (FYN-01 coupled to Sepharose beads). Lanes differ in amount of T cell lysate loaded on the immunosorbent.

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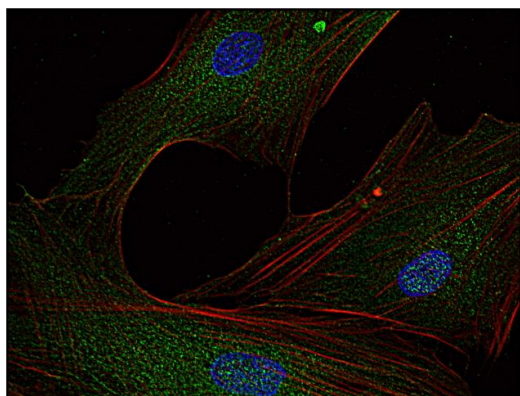
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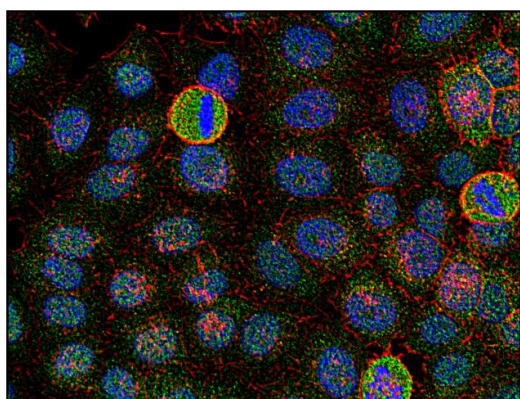
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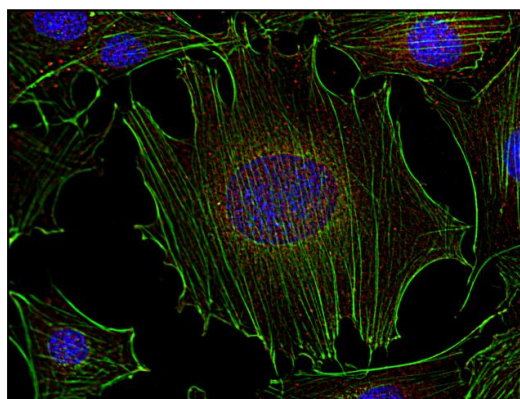
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Immunocytochemistry analysis of Fyn in human primary fibroblasts using anti-Fyn (FYN-01; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue). Primary antibody: 5 ug/ml.



Immunocytochemistry analysis of Fyn in human HeLa cell line using anti-Fyn (FYN-01; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).



Immunocytochemistry analysis of Fyn in murine transformed fibroblasts using anti-Fyn (FYN-01; red). Actin cytoskeleton was decorated by phalloidin (green) and cell nuclei stained with DAPI (blue).

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