

## FYN (4B8) MOUSE MAB

**Cat.#:** N261056

**Product Name:** Anti-FYN (4B8) Mouse Monoclonal Antibody

**Synonyms:** FYN; Tyrosine-protein kinase Fyn; Proto-oncogene Syn; Proto-oncogene c-Fyn; Src-like kinase; SLK; p59-Fyn

**UNIPROT ID:** P06241

**Background:** Tyrosine-protein kinase implicated in the control of cell growth. Plays a role in the regulation of intracellular calcium levels, with isoform 2 showing the greater ability to mobilize cytoplasmic calcium in comparison to isoform 1. Required in brain development and mature brain function with important roles in the regulation of axon growth, axon guidance, and neurite extension.

**Immunogen:** Purified recombinant human Fyn protein fragments expressed in E.coli.

**Applications:** WB, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 4B8-E7-A8

**MW:** Calculated MW: 61 kDa; Observed MW: 61 kDa

**Isotype:** IgG2b

**Purification:** Affinity Purified

**Species Reactivity:** Human, Monkey, Rat, Mouse

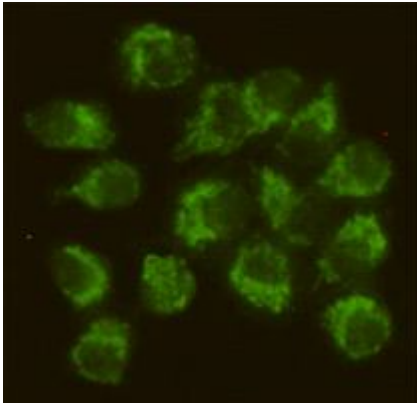
**Conjugation:** Unconjugated

**Modification:** Unmodified

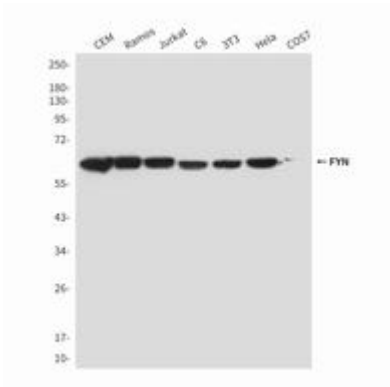
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of FYN (4B8) in HeLa using Fyn antibody.



Western blot analysis of Fyn in HeLa, 3T3, C6, COS7, CEM, Ramos and Jurkat lysates using Fyn antibody.