Human Fyn Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3574

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Fyn in direct ELISAs.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human Fyn Met1-Gly83 Accession # P06241
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μm filtered solution in PBS.

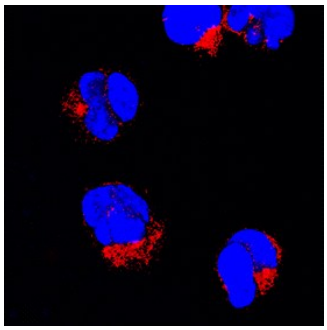
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Immunocytochemistry	10-20 µg/mL	See Below

DATA

Immunocytochemistry



Fyn in MOLT-4 Human Cell Line. Fyn was detected in immersion fixed MOLT-4 human acute lymphoblastic leukemia cell line using Goat Anti-Human Fyn Antigen Affinity-purified Polyclonal Antibody (Catalog # AF3574) at 15 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red; Catalog # NL001) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for Fluorescent ICC Staining of Cells on Coverslips.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Fyn is a ubiquitously expressed member of the Src family of intracellular tyrosine kinases. Fyn activity is implicated in T cell receptor signaling, adhesion-mediated signaling, and regulation of brain function. Mice lacking *fyn* display various deficits, including impaired spatial memory, hypomyelination, and uncoordinated hippocampal structure, suggesting that Fyn is involved in multiple neural signaling pathways.

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