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**Anti-Fyn**

Cat #: HM1345  
Mouse monoclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

Fyn is a membrane-associated non-receptor protein tyrosine kinase that belongs to the Src-family of kinases. Other Src-family members include Src, Yes, Fgr, Frk, Lyn, Hck, Lck and Blk. Members of the Src gene family play critical roles in various signal transduction. The human Fyn gene maps to chromosome 6q21 and encodes a 537 amino acid protein. Alternatively spliced transcript variants encoding distinct isoforms exist. Lyn is expressed at highest levels in macrophages, platelets, B lymphocytes and brain. The N-terminal domain of Fyn interacts with the CD3 and Delta chains of the TcR. Fyn can bind other proteins (p82 and p116) through its SH2 and SH3 domains, which may act as substrates or regulators of Fyn activity.

**SPECIFICITY**

This antibody specifically reacts with p59 Fyn of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

**IMMUNOGEN**

Full-length recombinant human Fyn protein.

**STORAGE**

This antibody is stable for 12 months when stored at 2-8°C.

**REFERENCE**

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