

Product Information

Recombinant Anti-Human syp Antibody Fab Fragment

Cat. No.: **MOM-18494-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment is against Human SYP, expressed in E. coli

Antigen Description

Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity.

Specific Activity

Tested positive against native antigen.

Target

SYP

Immunogen

Presynaptic vesicles.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[SYP synaptophysin \[Homo sapiens \]](#)

Official Symbol

SYP

Synonyms

SYP; synaptophysin; major synaptic vesicle protein P38; MRXSYP

Gene ID

[6855](#)

mRNA Refseq

[NM_003179](#)

Protein Refseq

[NP_003170](#)

MIM

[313475](#)

UniProt ID

P08247

Chromosome Location

Xp11.23-p11.22

Function

SH2 domain binding; calcium ion binding; cholesterol binding; identical protein binding; syntaxin-1 binding; transporter activity;