

FYB monoclonal antibody

Catalog: MB66533

Host: Mouse

Reactivity: Human

BackGround:

ADAP (adhesion and degranulation-promoting adaptor protein/SLAP-130/Fyb) is an SH3 domain-containing adaptor protein expressed by T cells, NK cells, and myeloid cells. There are two isoforms of ADAP with predicted molecular weights of 85 kDa and 90 kDa, but observed molecular weights of 120 kDa and 130 kDa. ADAP was identified as an adaptor protein that interacts with SLP-76 following T cell receptor (TCR) stimulation and was subsequently found to be important for several aspects of T cell activation. For example, ADAP is required for integrin-dependent clustering, signaling, and adhesion. In addition, ADAP interacts with CARMA1 and facilitates assembly of the CARMA1-Bcl10-MALT1 complex important for NF- κ B activation downstream of TCR activation. Finally, following binding of a T cell to an antigen presenting cell, ADAP forms a ring at the immunological synapse that recruits dynein to enable microtubule-organizing center polarization.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

~ 120 kDa

Swiss-Prot:

O15117

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

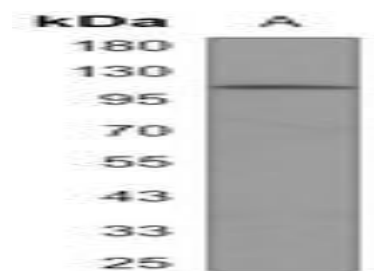
WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of FYB protein.

DATA:

Western blot analysis of FYB expression in Jurkat (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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