

SWAP-70 monoclonal antibody

Catalog: MB67240

Host: Mouse

Reactivity: Human

BackGround:

SWAP70 is a Rac family guanine nucleotide exchange factor (GEF). It is highly expressed by activated B cells. Following B cell stimulation, SWAP70 has been observed to translocate from the cytoplasm to the nucleus, where it plays a role in class switching, as well as to the membrane, where it associates with the B cell receptor. SWAP70 also plays a role in migration of B cells and other immune cell types including dendritic cells, eosinophils, and mast cells. Mice deficient in both SWAP70 and a related protein, DEF6, develop lupus-like autoimmunity due to misregulation of IRF4 in B cells and T cells leading to increased IL21 production and responsiveness.

Product:

Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 70 kDa

Swiss-Prot:

Q9UH65

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

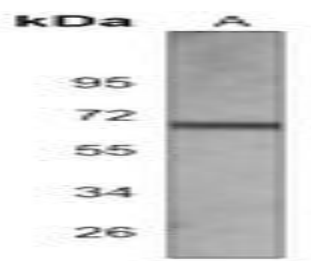
WB (1/500 - 1/1000)

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 SWAP-70 protein.

DATA:

Western blot analysis of SWAP-70 expression in HL60 (A) whole cell lysates.

Note:

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

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