

CD119 polyclonal antibody

Catalog: BCP00374

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Receptor subunit for interferon gamma/INFG that plays crucial roles in antimicrobial, antiviral, and antitumor responses by activating effector immune cells and enhancing antigen presentation Associates with transmembrane accessory factor IFNGR2 to form a functional receptor. Upon ligand binding, the intracellular domain of IFNGR1 opens out to allow association of downstream signaling components JAK1 and JAK2. In turn, activated JAK1 phosphorylates IFNGR1 to form a docking site for STAT1. Subsequent phosphorylation of STAT1 leads to dimerization, translocation to the nucleus, and stimulation of target gene transcription. STAT3 can also be activated in a similar manner although activation seems weaker. IFNGR1 intracellular domain phosphorylation also provides a docking site for SOCS1 that regulates the JAK-STAT pathway by competing with STAT1 binding to IFNGR1 (By similarity).

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 45-90 kDa

Swiss-Prot:

P15260

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:2000

Storage&Stability:

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

Specificity:

CD119 polyclonal antibody detects endogenous levels of CD119 protein.

DATA:

Western blot (WB) analysis of CD119 polyclonal antibody at 1:1000 dilution

Lane1:The Liver tissue lysate of Rat(30ug)

Lane2:SP2/0 cell membrane lysate(30ug)

Lane3:HepG2 whole cell lysate(30ug)

Lane4:MCF-7 cell membrane lysate(30ug)

Note:

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