CD63 polyclonal antibody

Catalog: BCP00454 Host: Rabbit Reactivity: Human,Rat,Mouse

BackGround:

CD63 belongs to the tetraspanin family, which is characterized by four transmembrane domains, one short extracellular domain (ECL1), and one long extracellular domain (ECL2). Tetraspanins interact with a variety of cell surface proteins and intracellular signaling molecules in specialized tetraspanin-enriched microdomains (TEMs) where they mediate a range of processes, including adhesion, motility, membrane organization, and signal transduction. CD63, like other tetraspanins, is enriched in exosomes. It is also a component of Weibel-Palade bodies found in endothelial cells. Research studies demonstrate several functions of CD63 in different cell types, including roles in mast cell degranulation, VEGF signaling in endothelial cells, recruitment of leukocytes to endothelial cells, and endosomal sorting during melanogenesis.

Product:

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

Molecular Weight:

~ 43 kDa

Swiss-Prot:

P08962

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

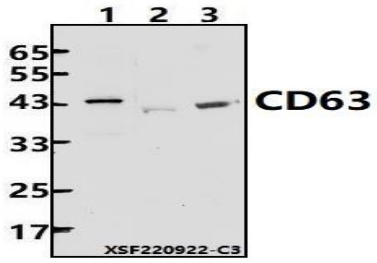
Storage&Stability:

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

Specificity:

CD63 polyclonal antibody detects endogenous levels of CD63 protein.

DATA:



Western blot (WB) analysis of CD63 polyclonal antibody at 1:1000 dilution

Lane1:EC9706 cell membrane lysate(12ug)

Lane2:The Liver tissue lysate of Mouse(24ug)

Lane3:The Heart tissue lysate of Rat(24ug)

Note:

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

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