

## CD39 (K388) polyclonal antibody

Catalog: BCP00444

Host: Rabbit

Reactivity: Human

### BackGround:

CD39 is also weakly expressed on granulocytes. CD39 has homology to the Nmyc family of proteins and was recently cloned. CD39 can hydrolyze both nucleoside triphosphates and diphosphates. CD39 is the dominant ecto nucleotidase of vascular and placental trophoblastic tissues and appears to modulate the functional expression of type 2 purinergic (P2) G protein coupled receptors (GPCRs). CD39 transgenic mice exhibit impaired platelet aggregation, prolonged bleeding times, and resistance to systemic thromboembolism. There is a correlation between ATP hydrolysis and triglycerides in patients with chronic heart disease, suggesting a relationship between ATP diphosphohydrolase and thrombogenesis.

### Product:

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

### Molecular Weight:

~ 58, 75 kDa

### Swiss-Prot:

P49961

### 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: 1:500~1:1000

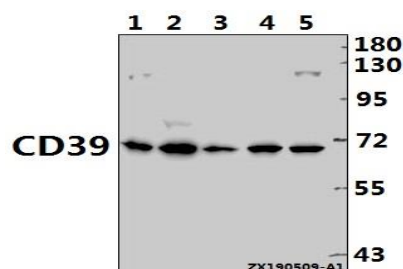
### Storage&Stability:

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

### Specificity:

CD39 (K388) polyclonal antibody detects endogenous levels of CD39 protein.

### DATA:



Western blot (WB) analysis of ENTPD1 pAb at 1:2000 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(40ug)

Lane4:Myla2059 whole cell lysate(40ug)

Lane5:A375 whole cell lysate(40ug)

### Note:

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