CD167a polyclonal antibody

Catalog: NCP0289P Host: Rabbit Reactivity: Human,Rat,Mouse

BackGround:

Tyrosine kinase that functions as cell surface receptor for fibrillar collagen and regulates cell attachment to the extracellular matrix, remodeling of the extracellular matrix, cell migration, differentiation, survival and cell proliferation. Collagen binding triggers a signaling pathway that involves SRC and leads to the activation of MAP kinases. Regulates remodeling of the extracellular matrix by up-regulation of the matrix metalloproteinases MMP2, MMP7 and MMP9, and thereby facilitates cell migration and wound healing. Required for normal blastocyst implantation during pregnancy, for normal mammary gland differentiation and normal lactation. Required for normal ear morphology and normal hearing.

Product:

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

Molecular Weight:

~ 95 kDa

Swiss-Prot:

Q08345

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

IF 1:50~1:200

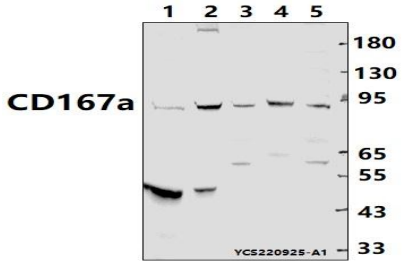
Storage&Stability:

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

Specificity:

CD167a polyclonal antibody detects endogenous levels of CD167a protein.

DATA:



Western blot (WB) analysis of CD167a polyclonal antibody at 1:1000 dilution

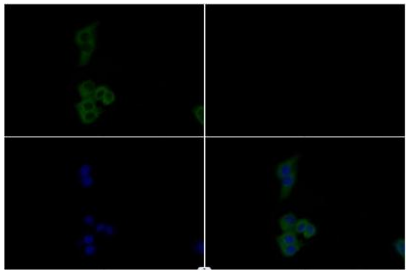
Lane1:BV2 whole cell lysate(30ug)

Lane2:PC12 whole cell lysate(30ug)

Lane3:MCF-7 whole cell lysate(30ug)

Lane4:A375 whole cell lysate(30ug)

Lane5:HEK293T whole cell lysate(30ug)



Immunofluorescence analysis of MCF-7 cells using CD167a pAb at dilution of 1:200.

Note:

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

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