

CD6 polyclonal antibody

Catalog: NCP0218P

Host: Rabbit

Reactivity: Rat, Mouse, Human

Background:

Cell adhesion molecule that mediates cell-cell contacts and regulates T-cell responses via its interaction with ALCAM/CD166. Contributes to signaling cascades triggered by activation of the TCR/CD3 complex. Functions as costimulatory molecule; promotes T-cell activation and proliferation. Contributes to the formation and maturation of the immunological synapse. Functions as calcium-dependent pattern receptor that binds and aggregates both Gram-positive and Gram-negative bacteria. Binds both lipopolysaccharide (LPS) from Gram-negative bacteria and lipoteichoic acid from Gram-positive bacteria. LPS binding leads to the activation of signaling cascades and down-stream MAP kinases. Mediates activation of the inflammatory response and the secretion of pro-inflammatory cytokines in response to LPS.

Product:

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

Molecular Weight:

~ 95 kDa

Swiss-Prot:

P30203

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:

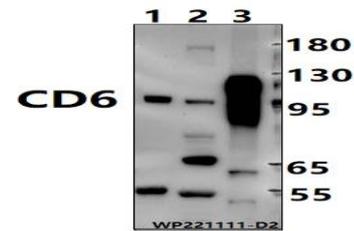
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

CD6 polyclonal antibody detects endogenous levels of CD6 protein.

DATA:

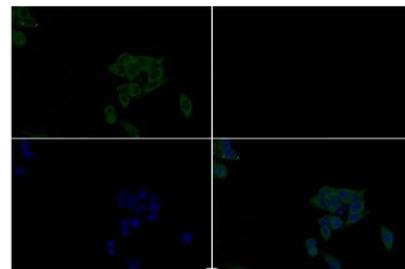


Western blot (WB) analysis of CD6 polyclonal antibody at 1:1000 dilution

Lane1: The Heart tissue lysate of Mouse(30ug)

Lane2: The Heart tissue lysate of Rat(30ug)

Lane3: HuT78 whole cell lysate(6ug)



Immunofluorescence analysis of MCF-7 cells using CD6 pAb at dilution of 1:200.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151