

## CD151 polyclonal antibody

Catalog: NCP0271P

Host: Rabbit

Reactivity: Human,Rat,Mouse

### BackGround:

CD151 (PETA-3, SFA-1) is a member of the evolutionarily conserved tetraspanin family of multipass glycoproteins (TM4SF), highlighted by four transmembrane domains, two extracellular loops, and N/C-termini that reside within the cytoplasm. Identified as the first member of the tetraspanin family to be implicated in tumorigenesis, research studies have demonstrated that CD151 participates in tumor neovascularization, tumor cell cell invasion, and cell adhesion. Furthermore, a positive correlation exists between CD151 expression levels and poor prognosis for tumors of the lung, kidney, and prostate. CD151 is localized predominantly to the plasma membrane and research studies have demonstrated that CD151 exerts its pro-tumorigenic effects, in part, through the modulation of laminin-binding integrins and oncogenic receptor tyrosine kinases, such as c-Met and EGFR.

### Product:

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

### Molecular Weight:

### Swiss-Prot:

P48509

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IF: 1:100~1:500

### Storage&Stability:

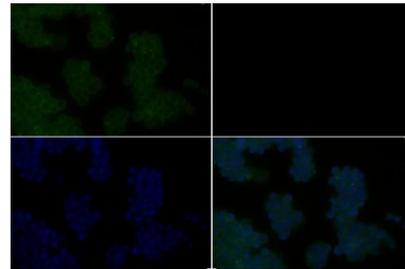
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CD151 polyclonal antibody detects endogenous levels of CD151 protein.

### DATA:

Immunofluorescence analysis of RAW264.7 cells using CD151 pAb at dilution of 1:200 (40x lens).



### Note:

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

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