CD106/VCAM1 (2C11) monoclonal antibody

Catalog: MB8559	Host: Mouse	Reactivity: Human,Mouse,Rat

BackGround:

Cell adhesion molecules are a family of closely related cell surface glycoproteins involved in cell-cell interactions during growth and are thought to play an important role in embryogenesis and development. VCAM-1 (vascular cell adhesion molecule-1) was first identified as an adhesion molecule induced on human endothelial cells by inflammatory cytokines such as IL-1, tumor necrosis factor (TNF) and lipopolysaccharide (LPS). The KALIG gene encodes a nerve cell adhesion molecule (NCAM) -like protein and is deleted in 66% of patients with Kallmann's syndrome, anosmia with secondary hypogonadism

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 81 kDa

Swiss-Prot:

P19320

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
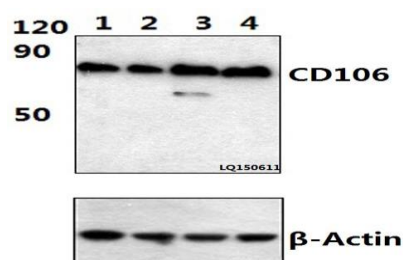
Applications:

WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

CD106/VCAM1 (2C11) mAb detects endogenous levels of CD106 protein.

DATA:

Western blot (WB) analysis of CD106/VCAM1 (2C11) mAb at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:Hela treated with TNF-α (20ng/ml, 30min) whole cell lysate (40ug)

Lane3:Hela treated with TNF-α (20ng/ml, 15min) whole cell lysate (40ug)

Lane4:HepG2 whole cell lysate(40ug)

Note:

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