

CD161 (3F8) monoclonal antibody

Catalog: MB8565

Host: Mouse

Reactivity: Rat

BackGround:

Natural killer (NK) and T cells express a superfamily of proteins with structural features of C-type lectins. T cells bearing natural killer receptors (NKR) such as CD94 and CD161 are present in psoriasis. CD161 mediates NK cell activation and functions as an activating receptor. CD161 is a prototypic marker of NK cells, although it is also found on a subset of CD8+ T cells. The expression of NK receptors on CD8+ T cells can be considered a marker of cytotoxic effector T cells that are expanded in vivo after antigenic activation leading to extensive proliferation. The transcription, mRNA accumulation, and surface expression of CD161, a molecule involved in triggering cytotoxicity, is specifically upregulated by IL-12.

Product:

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

Molecular Weight:

~ 25 kDa

Swiss-Prot:

Q12918

Purification&Purity:

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

Applications:

WB: 1:500~1:2000

IHC: 1:50~1:200

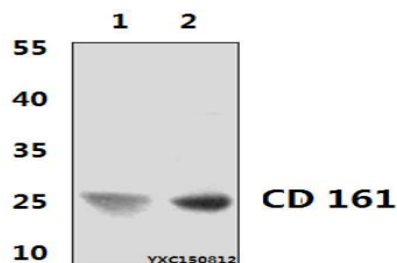
Storage&Stability:

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

Specificity:

CD161 (3F8) mAb detects endogenous levels of CD161 protein.

DATA:



Western blot (WB) analysis of CD 161(NKR-PIA) mAb at 1:2000 dilution

Lane1:The Peripheral blood lysate of Rat(40µg)

Lane2:The Liver tissue lysate of Rat(40µg)

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@biogol.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151