

**CD161 (3F8) monoclonal antibody**

Catalog: BCP00400

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:**

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

**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

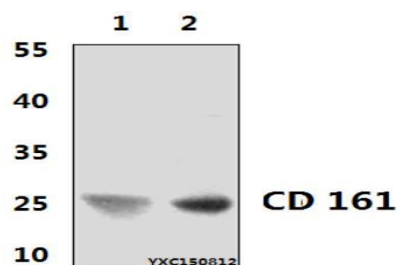
IHC: 1:50~1:200

**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.