

Datasheet for ABIN7250149

anti-CD16 antibody**2** Images[Go to Product page](#)

Overview

| | |
|--------------|--|
| Quantity: | 200 µL |
| Target: | CD16 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This CD16 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|------------------|------------------------|
| Immunogen: | Synthetic Peptide |
| Clone: | 2B1 |
| Isotype: | IgG |
| Characteristics: | Monoclonal Antibody |
| Purification: | Protein A purification |

Target Details

| | |
|-------------------|---|
| Target: | CD16 |
| Alternative Name: | CD16 (CD16 Products) |
| Background: | This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-antibody complexes from the circulation, as well as other other antibody- |

Target Details

dependent responses. This gene (FCGR3A) is highly similar to another nearby gene (FCGR3B) located on chromosome 1. The receptor encoded by this gene is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide, whereas FCGR3B is expressed on polymorphonuclear neutrophils (PMN) where the receptor is anchored through a phosphatidylinositol (PI) linkage.

Molecular Weight: Observed_MW: 45 kDa
Calculated_MW: 28 kDa

UniProt: [P08637, O75015](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:50-300

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

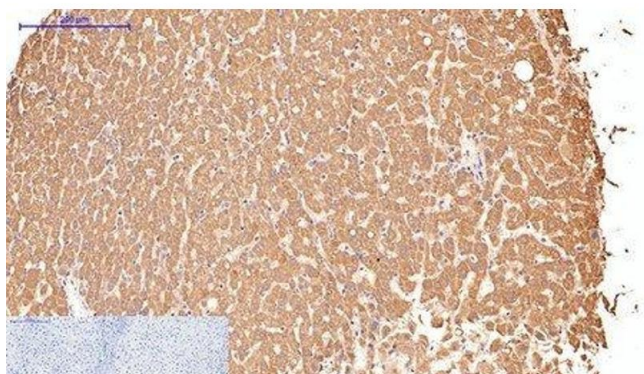
Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.4.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

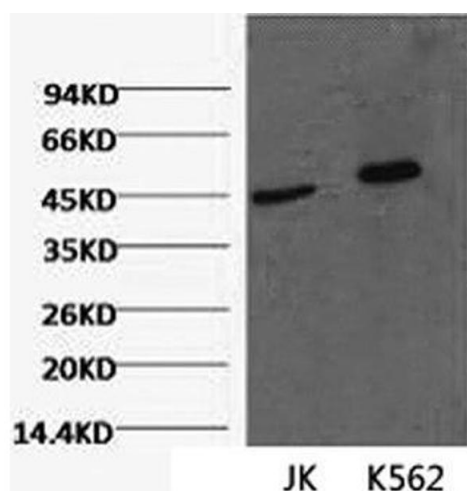
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver tissue using CD16 Monoclonal Antibody at dilution of 1:200.



Western Blotting

Image 2. Western Blot analysis of 1) Jurkat, 2) K562 cells using CD16 Monoclonal Antibody at dilution of 1:2000.