

# ABflo® 450 anti-Mouse CD314 mAb

Catalog No.: A28364

## Basic Information

### Observed MW

### Calculated MW

27 kDa/25 kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

## Background

Enables several functions, including MHC class I protein binding activity; MHC class Ib receptor activity; and identical protein binding activity. Involved in positive regulation of natural killer cell mediated cytotoxicity. Acts upstream of or within several processes, including positive regulation of biosynthetic process; response to bacterium; and stimulatory C-type lectin receptor signaling pathway. Located in external side of plasma membrane. Human ortholog(s) of this gene implicated in HTLV-1-associated myelopathy/tropical spastic paraparesis. Orthologous to several human genes including KLRK1 (killer cell lectin like receptor K1).

## Recommended Dilutions

FC ≤0.25 µg per million cells  
in 100 µl volume

## Immunogen Information

### Gene ID

27007

### Swiss Prot

O54709

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

Nkg2d; NKG2-D; D6H12S2489E

## Contact

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## Product Information

### Source

Rat

### Isotype

Rat IgG1

### Purification

Affinity purification

### Storage

Store at 4°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide and BSA,pH7.2.