

ABflo® 450 Rat anti-Mouse CD314/NKG2D 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.