

PE Mouse anti-Mouse MHC1 mAb

Catalog No.: A27509

Basic Information

Observed MW

Calculated MW

41kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

AMC0824

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC 0.25 µg per 10⁶ cells in
100 µl volume

Background

Enables peptide antigen binding activity. Acts upstream of or within several processes, including antigen processing and presentation of endogenous peptide antigen via MHC class I via ER pathway, TAP-dependent; antigen processing and presentation of exogenous peptide antigen via MHC class I; and positive regulation of T cell mediated cytotoxicity. Located in external side of plasma membrane. Is expressed in several structures, including brain; genitourinary system; hemolymphoid system gland; liver; and retina. Used to study myositis. Human ortholog(s) of this gene implicated in several diseases, including artery disease (multiple); asthma (multiple); autoimmune disease (multiple); eye disease (multiple); and inner ear disease (multiple). Orthologous to several human genes including HLA-A (major histocompatibility complex, class I, A); HLA-B (major histocompatibility complex, class I, B); and HLA-C (major histocompatibility complex, class I, C).

Immunogen Information

Gene ID

14972

Swiss Prot

P01901

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

K-f; H-2K; H2-K; H2-D1; H-2K(d)

Contact

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Product Information

Source

Mouse

Isotype

Mouse / IgG2a, kappa

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze.

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

Validation Data

