PE Mouse anti-Mouse MHC1 mAb

Catalog NO.: A27509

Basic Information

Observed MW

Calculated MW
41kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

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

Clone number
AMC0824

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).

Recommended Dilutions

FC	0.25 µg per 10^6 cells in 100 µl volume

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

Product Information

☒ | order@abclonal.com
☒ | service@abclonal.com
☒ | www.abclonal.com

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.

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.