

T-Cell Surface Glycoprotein CD8 Alpha Chain (CD8A) Antibody (PE)

Catalogue No.: abx140648

T-Cell Surface Glycoprotein CD8 Alpha Chain (CD8A) Antibody (PE) is a mouse monoclonal antibody against T-Cell Surface Glycoprotein CD8 Alpha Chain (CD8A). The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene. The major protein isoforms of this gene differ by the presence or absence of a transmembrane domain and thus differ in being a membrane-anchored or secreted protein. [provided by RefSeq, May 2020].

Target: T-Cell Surface Glycoprotein CD8 Alpha Chain (CD8A)

Clonality: Monoclonal

Clone: 1861

Reactivity: Human, Monkey

Tested Applications: FCM

Host: Mouse

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Conjugation: PE

Isotype: IgG₁

Purification: The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

Storage: Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.

Buffer: Stabilizing PBS solution containing 15 mM sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.