9F, No. 108, Jhouzih St., Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

CD8A recombinant monoclonal antibody, clone C8/1779R

Catalog Number: RAB00364

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human CD8A.

Clone Name: C8/1779R

Immunogen: Original antibody is raised against recombinant protein corresponding to full length human CD8A.

Theoretical MW (kDa): 32

Antibody Species: Rabbit

Reactivity: Human

Applications: Flow Cyt, IF, IHC-P
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Isotype: IgG, kappa

Recommend Usage: Flow Cytometry (0.5-1 ug/10^6 cells)
Immunofluorescence (0.5-1 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 10 mM PBS

Storage Instruction: Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 925

Gene Symbol: CD8A

Gene Alias: CD8, Leu2, MAL, p32

Gene Summary: 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 corepressor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell (APC) 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 isoforms. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

References:

1. Immunohistological detection of human cytotoxic/suppressor T cells using antibodies to a CD8 peptide sequence. Mason DY, Cordell JL, Gaulard P, Tse AG, Brown MH. J Clin Pathol. 1992 Dec;45(12):1084-8.