
Anti-Human CD8a Purified

Catalog Number: 14-0085

Also known as: Leu-2a

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Contents: Anti-Human CD8a Purified
Catalog Number: 14-0085
Clone: C8/144B
Concentration: 0.5 mg/mL
Host/Isotype: Mouse IgG1, kappa

REF

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.



LOT



Batch Code: Refer to vial

Use By: Refer to vial

Contains sodium azide

Description

The monoclonal antibody C8/144B recognizes the human CD8a molecule, an approximately 32-34 kDa cell surface receptor expressed either as a heterodimer with the CD8 beta chain (CD8 alpha/beta) or as a homodimer (CD8 alpha/alpha). A majority of thymocytes and a subpopulation of mature T cells and NK cells express CD8a. CD8 binds to MHC class 1 and through its association with protein tyrosine kinase p56lck plays a role in T cell development and activation of mature T cells.

Applications Reported

This C8/144B antibody has been reported for use in immunohistochemical staining of formalin-fixed paraffin embedded tissue sections.

Applications Tested

This C8/144B antibody has been tested by immunohistochemistry on formalin-fixed paraffin embedded human tonsil tissue using IHC Antigen Retrieval Solution – High pH (cat. 00-4956). This can be used at less than or equal to 5 ug/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Chew A, Salama P, Robbshaw A, Klopccic B, Zeps N, Platell C, Lawrance IC. SPARC, FOXP3, CD8 and CD45 correlation with disease recurrence and long-term disease-free survival in colorectal cancer. PLoS One. 2011;6(7):e22047.

Maréchal R, De Schutter J, Nagy N, Demetter P, Lemmers A, Devière J, Salmon I, Tejpar S, Van Laethem JL. Putative contribution of CD56 positive cells in cetuximab treatment efficacy in first-line metastatic colorectal cancer patients. BMC Cancer. 2010 Jun 30;10:340.

Lyle S, Christofidou-Solomidou M, Liu Y, Elder DE, Albelda S, Cotsarelis G. The C8/144B monoclonal antibody recognizes cytokeratin 15 and defines the location of human hair follicle stem cells. J Cell Sci. 1998 Nov;111 (Pt 21):3179-88. (**C8/144B**, IHC)

Related Products

00-4953 IHC /ICC Blocking Buffer - Low Protein
00-4954 20X TBS Wash Buffer for IHC/ICC
00-4956 IHC Antigen Retrieval Solution – High pH (10X)
14-0202 Anti-Human CD20 Purified (L26)
14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.8.1)

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