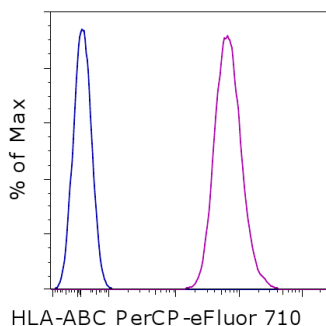


Anti-Human HLA-ABC PerCP-eFluor® 710

Catalog Number: 46-9983

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



Staining of normal human peripheral blood cells with Mouse IgG2a K Isotype Control PerCP-eFluor® 710 (cat. 46-4724) (blue histogram) or Anti-Human HLA-ABC PerCP-eFluor® 710 (purple histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human HLA-ABC PerCP-eFluor® 710

 **Catalog Number:** 46-9983

Clone: W6/32

Concentration: 5 µL (0.25 µg)/test

Host/Isotype: Mouse IgG2a, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.

Batch Code: Refer to vial

Use By: Refer to vial



 **LOT**



Description

The W6/32 monoclonal antibody reacts with the human major histocompatibility complex (MHC) class I, HLA-A, B, C. MHC class I antigens associated with beta 2-microglobulin are expressed by all human nucleated cells and are central in cell-mediated immune response and tumor surveillance. W6/32 mAb recognizes a non-polymorphic epitope shared among products of the HLA-A, B, and C loci and immunoprecipitates both 43 kDa and 11-12 kDa chains. Crossreactivity is also seen in baboon, rhesus and cynomolgus monkey.

Applications Reported

This W6/32 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This W6/32 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.25 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

PerCP-eFluor® 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor® 710 emits at 710 nm and is excited with the blue laser (488 nm). Please make sure that your instrument is capable of detecting this fluorochrome. For a filter configuration, we recommend using the 685 LP dichroic mirror and 710/40 band pass filter, however the 695/40 band pass filter is an acceptable alternative.

Our testing indicates that PerCP-eFluor® 710 conjugated antibodies are stable when stained samples are exposed to freshly prepared 2% formaldehyde overnight at 4°C, but please evaluate for alternative fixation protocols.

Click here or contact eBioscience Technical Support for more information on eFluor™ Organic Dyes including PerCP-eFluor® 710.

References

Barnstable, C. J., W. F. Bodmer, et al. 1978. Production of monoclonal antibodies to group A erythrocytes, HLA and

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other human cell surface antigens-new tools for genetic analysis. Cell 14(1): 9-20.

Koene G, Arts-Hilkes, et al. 2004. High level of aneuploidy of chromosome 6 by FISH analysis of head and neck squamous cell carcinoma: limited applicability of LOH analysis to define HLA loss. Hum Immunol. 65(12):1455-62. (IHC frozen, PubMed)

Goldman-Wohl D, Ariel I, et al. 2001. A study of human leukocyte antigen G expression in hydatidiform moles. Am J Obstet Gynecol. 185(2):476-80. (IHC frozen, PubMed)

Stern PL, Beresford N, et al. 1987. Class I-like MHC molecules expressed by baboon placental syncytiotrophoblast. J Immunol. 138(4):1088-91. (baboon cross-reactivity, PubMed)

Related Products

46-4724 Mouse IgG2a K Isotype Control PerCP-eFluor® 710