

HLA-ABC Monoclonal Antibody (W6/32), eBioscience™

Product Details

Size	100 µg
Species Reactivity	Human
Published Species	Cynomolgus monkey, Virus, Fruit fly, Mouse, Human
Host/Isotype	Mouse / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	W6/32
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_468661

Applications	Tested Dilution	Publications
Western Blot (WB)	-	2 Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	2 Publications
Immunocytochemistry (ICC/IF)	-	2 Publications
Flow Cytometry (Flow)	1 µg/test	22 Publications
ELISA (ELISA)	-	2 Publications
Immunoprecipitation (IP)	Assay-Dependent	-
Neutralization (Neu)	-	1 Publication
Functional Assay (FN)	-	5 Publications
Inhibition Assays (IA)	-	3 Publications
In vitro Assay (IV)	-	2 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

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, immunoprecipitation, and immunohistology staining of frozen tissue sections.

Applications Tested: The W6/32 antibody has been tested by flow cytometric analysis of normal human peripheral blood cells.

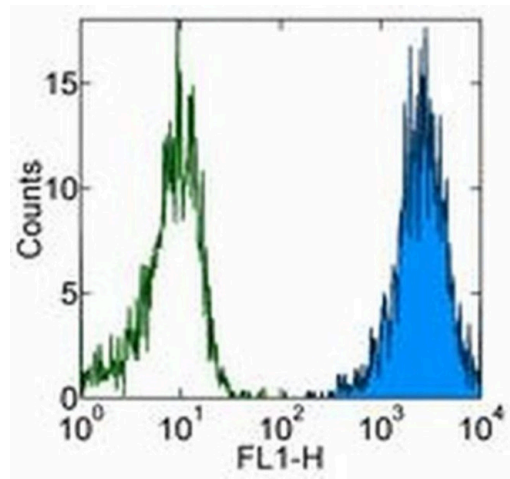
This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For HLA-ABC Monoclonal Antibody (W6/32), eBioscience™



HLA-ABC Antibody (14-9983-82) in Flow
Staining of normal human peripheral blood cells with 0.5 µg of Mouse IgG2a kappa Isotype Control Purified (Product # 14-4724-82) (open histogram) or 0.5 µg of Anti-Human HLA-ABC Purified (filled histogram) followed by Anti-Mouse IgG FITC (Product # 11-4011-85). Cells in the lymphocyte gate were used for analysis.

[View more figures on thermofisher.com](#)

Western Blot (2)

<p>Molecular cancer therapeutics</p> <p>Monoclonal Antibody Targeting Sialyl-di-Lewis^a-Containing Internalizing and Noninternalizing Glycoproteins with Cancer Immunotherapy Development Potential.</p> <p>"14-9983-82 was used in Western Blot to describe the characterization of the mAb, FG129, which targets tumor-associated sialylated glycan, and demonstrate its potential for multimodal cancer therapy."</p> <p>Authors: Tivadar ST,McIntosh RS,Chua JX,Moss R,Parsons T,Zaitoun AM,Madhusudan S,Durrant LG,Vankemmelbeke M</p>	<p>Year 2020</p> <p>Species Human</p>
<p>Journal of leukocyte biology</p> <p>Critical role of Lck in L-selectin signaling induced by sulfatides engagement.</p> <p>"14-9983 was used in Western Blotting to suggest that Lck plays a critical role in L-selectin signaling upon sulfatides stimulation."</p> <p>Authors: Xu T,Chen L,Shang X,Cui L,Luo J,Chen C,Ba X,Zeng X</p>	<p>Year 2008</p> <p>Species Human</p>

Immunohistochemistry (Frozen) (2)

<p>Human immunology</p> <p>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.</p> <p>Authors: Koene GJ,Arts-Hilkes YH, van Dijk AJ, van der Ven KJ, Slootweg PJ, de Weger RA, Tilanus MG</p>	<p>Year 2004</p>
<p>American journal of obstetrics and gynecology</p> <p>A study of human leukocyte antigen G expression in hydatidiform moles.</p> <p>Authors: Goldman-Wohl D, Ariel I, Greenfield C, Hochner-Celnikier D, Lavy Y, Yagel S</p>	<p>Year 2001</p>

More applications with references on thermofisher.com

- ICC/IF (2)
- Flow (22)
- ELISA (2)
- Neu (1)
- FN (5)
- IA (3)
- IV (2)
- Misc (1)

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