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anti-HLA-ABC antibody

Images

Publications



Overview

Quantity:	0.2 mg
Target:	HLA-ABC
Reactivity:	Human, Cow, Cat, Monkey, Primate
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Purified human tonsil lymphocyte membranes	
Clone:	W6-32	
Isotype:	lgG2a	
No Cross-Reactivity:	Goat, Dog (Canine), Guinea Pig, Rabbit, Mouse (Murine), Chicken, Amphibian	
Cross-Reactivity (Details):	Species reactivity (tested):Human, Cynomolgus monkey, Rhesus monkey, Chimpanzee, Macaque, Bovine, Baboon, Gorilla, Shrew.	
Purification:	Affinity Chromatography on Protein G	

Target Details

Target:	HLA-ABC
Alternative Name:	HLA Class I ABC (HLA-ABC Products)

Target Details

The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In humans, this complex is referred to as the human leukocyte antigen (HLA) region. There are 3 major MHC class I proteins encoded by the HLA which are HLA A, HLA B and HLA C. These proteins are found on the surface of almost all nucleated somatic cells. Synonyms: HLA Class 2 ABC, Human Leukocyte antigen class I ABC, MHC class I ABC, Major Histocompatibility complex class I

Pathways:

TCR Signaling, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Cancer Immune Checkpoints

Application Details

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adA	lication	Notes:

ELISA. Immunoprecipitation. Immunohistochemistry on frozen sections. (Does not work on paraffin sections). Flow cytometry (1:50 - 1:100): use 10 μ L of diluted antibody to label 1x10⁶ cells or 100 μ L whole blood. This product is routinely tested in flow cytometry on human peripheral blood lymphocytes.

Other applications not tested.

Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions:

For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.
Dublications	

Publications

Product cited in:

Stern, Goldman, Hatasaka, Mackenzie, Surrey, Racowsky,: "Optimizing the number of cleavage stage embryos to transfer on day 3 in women 38 years of age and older: a Society for Assisted Reproductive Technology database study." in: **Fertility and sterility**, (2008) (PubMed).

Mayr, Kofler, Büning, Bund, Hallek, Wendtner: "Transduction of CLL cells by CD40 ligand enhances an antigen-specific immune recognition by autologous T cells." in: **Blood**, Vol. 106, Issue 9, pp. 3223-6, (2005) (PubMed).

Mayr, Bund, Schlee, Moosmann, Kofler, Hallek, Wendtner: "Fibromodulin as a novel tumor-associated antigen (TAA) in chronic lymphocytic leukemia (CLL), which allows expansion of specific CD8+ autologous T lymphocytes." in: **Blood**, Vol. 105, Issue 4, pp. 1566-73, (2005) (PubMed).

Images

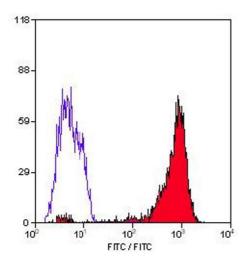


Image 1. Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC (ABIN118900).

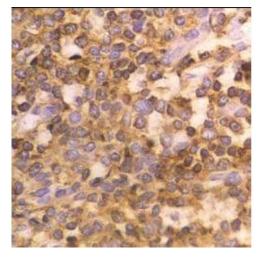


Image 2. HLA Class 1 staining (ABIN118900) on Human tonsil. Cryostat Section.