Overview

Product name
Anti-HLA Class I antibody [W6/32]

Description
Mouse monoclonal [W6/32] to HLA Class I

Host species
Mouse

Specificity
Recognises an antigenic determinant shared among products of the HLA A, B and C loci. The antibody recognises virtually all nucleated human cells. It recognises an antigenic determinant shared among products of the HLA A, B and C loci. Clone W6/32 recognises a conformational epitope, reacting with HLA class I alpha3 and alpha2 domains.

Tested applications
Suitable for: Flow Cyt
 Unsuitable for: IHC-P

Species reactivity
Reacts with: Human
Predicted to work with: Cow, Chimpanzee, Baboon, Cynomolgus monkey, Macaque monkey, Rhesus monkey, Gorilla

Immunogen
Tissue, cells or virus corresponding to Human HLA Class I. Purified human tonsil lymphocyte membranes.

Positive control
Flow Cyt: Human peripheral blood lymphocytes.

General notes
The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer
pH: 7.40
Preservative: 0.09% Sodium azide
Constituent: PBS
Purity: Protein G purified

Purification notes: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.

Clonality: Monoclonal

Clone number: W6/32

Myeloma: NS1/1-Ag4-1

Isotype: IgG2a

Applications

The Abpromise guarantee: Our Abpromise guarantee covers the use of ab22432 in the following tested applications.

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<td>Flow Cyt</td>
<td></td>
<td>1/50 - 1/100. Use 10µl of the suggested working dilution to label 10^6 cells or 100µl whole blood. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.</td>
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Application notes: Is unsuitable for IHC-P.

Target

Relevance: HLA CLass I is involved in the presentation of foreign antigens to the immune system.

Cellular localization: Plasma membrane

Images

Flow cytometric analysis of red cell lysed human blood gated on lymphocytes in the presence of Human seroblock using ab22432 at 1/50 dilution (Figure B) compared to anPacific Blue conjugated Mouse IgG2a isotype control (Figure A).
Flow cytometric analysis of red cell lysed human blood gated on lymphocytes using ab22432 at 1/50 dilution (Figure B) compared to an isotype control (Figure A).

Flow Cytometry - Anti-HLA Class I antibody [W6/32]
(ab22432)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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