

Anti-HLA Class I antibody [YTH862.2] ab33252

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Overview

Product name	Anti-HLA Class I antibody [YTH862.2]
Description	Rat monoclonal [YTH862.2] to HLA Class I
Host species	Rat
Specificity	ab33252 recognises a monomorphic determinant on the human HLA Class I heavy chain. We have data to indicate that this antibody may not cross react with Mouse. However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human HLA Class I. PHA activated human peripheral blood lymphocytes.
Epitope	ab33252 reacts with an epitope located in the alpha1 domain of HLA class I molecules.
Positive control	Human peripheral blood lymphocytes
General notes	<p>Fusion Partners: Spleen cells from immunised DA rats were fused with cells of the rat Y3 myeloma cell line.</p> <p>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.</p> <p>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</p>

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	<p>pH: 7.40</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Protein G purified

Purification notes	ab33252 was purified from tissue culture supernatant.
Clonality	Monoclonal
Clone number	YTH862.2
Isotype	IgG2b

Applications

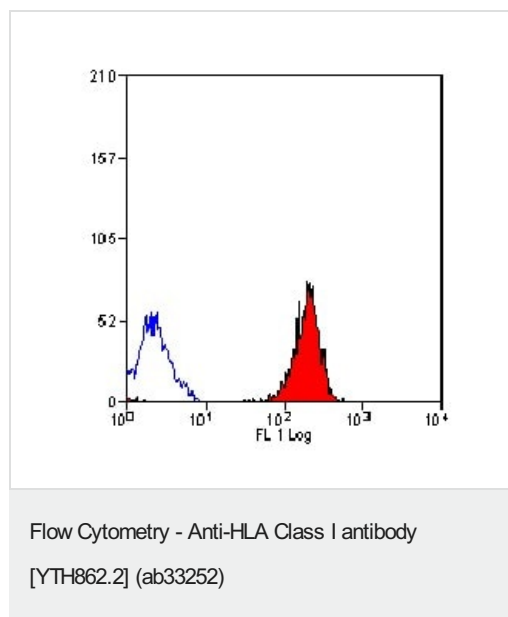
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab33252 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		1/50 - 1/100. Use 10µl of the suggested working dilution to label 10 ⁶ cells in 100µl.

Target

Relevance	HLA Class I is involved in the presentation of foreign antigens to the immune system.
Cellular localization	Plasma membrane

Images



FACS analysis of HLA class I expressing cells in human peripheral blood lymphocytes using ab33252.

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

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