

Product datasheet

Anti-HLA Class 1 A23, A24 antibody [4i94] ab33807

Overview

Product name	Anti-HLA Class 1 A23, A24 antibody [4i94]
Description	Mouse monoclonal [4i94] to HLA Class 1 A23, A24
Specificity	This antibody reacts to HLA Class 1 A23, A24. Specificity was determined at a 1/10 dilution by the microcytotoxicity test under standard NIH conditions.
Tested applications	Suitable for: Flow Cyt, ICC/IF, Microcytotoxicity testing, Functional Studies
Species reactivity	Reacts with: Human
Immunogen	HLA Class 1 Antigen A23, A24.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: Ascites
Purity	Ascites
Clonality	Monoclonal
Clone number	4i94
Isotype	IgG2b

Applications

Our [Abpromise guarantee](#) covers the use of **ab33807** 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		Use at an assay dependent concentration. ab170192 -Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.
ICC/IF		Use at an assay dependent concentration.

Application	Abreviews	Notes
Microcytotoxicity testing		1/10.
Functional Studies		Use at an assay dependent concentration. Cell Typing and Chimerism Studies.

Target

Relevance

HLA A belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta 2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa.

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