

Product datasheet

Anti-MHC Class II I Ab antibody [25-9-3] (Phycoerythrin) ab25584

1 References

Overview

Product name	Anti-MHC Class II I Ab antibody [25-9-3] (Phycoerythrin)
Description	Mouse monoclonal [25-9-3] to MHC Class II I Ab (Phycoerythrin)
Host species	Mouse
Conjugation	Phycoerythrin. Ex: 488nm, Em: 575nm
Specificity	This antibody reacts specifically with the beta chain of I-Ab haplotype, MHC Class II molecules. Reactivity with other haplotypes has not been observed.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue/ cell preparation (Mouse) - C3H.SW splenocytes.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 16% Sucrose, PBS and stabilising agent.
Purity	Purified IgM
Clonality	Monoclonal
Clone number	25-9-3
Isotype	IgM
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab25584** 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
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Flow Cyt

Application notes

Flow Cyt: Use 0.2µg for 10⁶ cells.
 Complement dependent cytotoxicity assays: Use at an assay dependent dilution.
 Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

Target

Sequence similarities

Belongs to the MHC class II family.
 Contains 1 Ig-like C1-type (immunoglobulin-like) domain.

Post-translational modifications

Ubiquitinated in immature dendritic cells leading to down-regulation of MHC class II.

Cellular localization

Membrane.

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