

## Product datasheet

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

### 1 References

#### Overview

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

#### Properties

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

#### Applications

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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 10<sup>6</sup> 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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