

## Product datasheet for **SM077**

### MHC Class II I-Ab Rat Monoclonal Antibody [Clone ID: P7/7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	P7/7
Applications:	FC, IHC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of neat-1/4 diluted antibody to label 10e6 cells. <b>Immunohistochemistry on Frozen Sections.</b>
Reactivity:	Mouse, Rat
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Cells from R8 strain Rat. Spleen cells from an immunised DA rat were fused with cells of the mouse P3/NSI/I-Ag4.1 myeloma cell line.
Specificity:	This antibody recognises the Rat RT1Bu/Du MHC class II antigen and is cross reactive with haplotypes c, d, l, and n. The antibody positively stains MHC class II molecules in rat strains including PVG, F334, LEW, and BN. Clone P7/7 also recognises Mouse MHC Class II, binding to a Monomorphic epitope expressed by all Mouse strains.
Formulation:	State: Supernatant State: Liquid Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P18468</a>
Synonyms:	H2-Eb1, H-2 class II histocompatibility antigen I-A beta chain



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