

## Product datasheet for **SM082F**

### MHC Class II RT1Bu Mouse Monoclonal Antibody [Clone ID: OX-3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-3
Applications:	FC
Recommended Dilution:	Flow cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl.
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat thymocyte membrane glycoproteins. Spleen cells from immunised BALB/c mice were fused with cells from the NS1 mouse myeloma cell line.
Specificity:	This antibody recognises a polymorphic determinant of Ia antigen (RT1.Bu) present on Lewis, Wistar and AO strain rats but not BN, DA or PVG/c strains. This antibody is useful for distinguishing Ia positive cells from different rat strains, e.g. for recognising cells of donor origin in bone marrow reconstituted radiation chimaeras. MRC OX-3 cross reacts with mouse strains of MHC haplotypes b and s, and analysis of recombinant mouse strains showed that the determinants mapped to the I-A region. This antibody recognises Ia antigens on B-cells, dendritic cells and certain epithelial cells.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">Q70RH8</a>



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