

Product Data Sheet

Biotin anti-rat RT1B

Catalog # / Size: 205303 / 100 µg

Clone: OX-6

Isotype: Mouse IgG1, κ

Immunogen: Ia-like Glycoproteins from Wistar Thymocytes

Reactivity: Rat, **Cross-Reactivity:** Cross-reacts with mouse I-A[k] and I-A[s] alloantigens and with a major subset of splenocytes from NOD (I-A [g7]) mice.

Preparation: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C. **Do not freeze.**

Applications:

Applications: FC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.06 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

1. Fox CC, *et al.* 1994. *Cell Immunol.* 158(1):253
2. Chen-Woan M, *et al.* 1996. *J. Leukocyte Biol.* 59:196
3. Damoiseaux JG, *et al.* 1998. *J. Leukocyte Biol.* 64(6):803

Description: RT1B is expressed on peripheral B lymphocytes, epidermal Langerhans cells, dendritic cells, some tissue macrophages, subsets of thymocytes, peritoneal mast cells, and small intestinal villus epithelium. The OX-6 antibody reacts with non-polymorphic determinants of the rat MHC class II antigen, I-A equivalent. The OX-6 monoclonal antibody cross-reacts with mouse I-A[k] and I-A[s] alloantigens and with a major subset of splenocytes from NOD (I-A [g7]) mice.

Related Products:

Product
Biotin Mouse IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
MOPC-21

Application
FC, ICFC
FC, ICC, ICFC
FC, ICFC



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