

# Anti-1a Antigen (RT1b) [OX6]

**Catalogue number:** 156562

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

**Institute:** Medical Research Council; University of Oxford

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-1a Antigen (RT1b) [OX6]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** The antibody is directed against rat Ia common non-polymorphic antigen. It binds to the majority of peripheral B cells, dendritic cells and some epithelium but not peripheral T cells. The antibody cross-reacts with polymorphic Ia determinant in mice of H-2 haplotype k and s.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Mouse ; Rat

**Selectivity:**

**Host:** Mouse

**Immunogen:** Rat thymocyte membrane glycoprotein

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** IgG1

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Ia (MHC Class II), monomorphic determinant

**Target alternate names:**

**Target background:** The antibody is directed against rat Ia common non-polymorphic antigen. It binds to the majority of peripheral B cells, dendritic cells and some epithelium but not peripheral T cells. The antibody cross-reacts with polymorphic Ia determinant in mice of H-2 haplotype k and s.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** FACS ; IHC ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** McMaster et al. 1979. Eur J Immunol. 9(6):426-33. PMID: 315315.

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