

# Anti-CD172a [OX41]

**Catalogue number:** 156588

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

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

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-CD172a [OX41]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** The antibody recognises a rat macrophage cell surface antigen and labels all peritoneal and 90% of alveolar macrophages. Splenic red pulp macrophages are antigen +ve, marginal zone macrophages antigen -ve. The antibody also reacts with the 120kDa antigen on granulocytes and dendritic cells and recognises rat SIRP (personal communication).

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Rat

**Selectivity:**

**Host:** Mouse

**Immunogen:** Resident peritoneal cells from (PVG-RT1c x PVG RT1u)F1 and (PVG-RT1c x DA-RT1a)F1 rats

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

IgG2a

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** CD172a (signal regulatory protein, SIRP)

**Target alternate names:**

**Target background:** The antibody recognises a rat macrophage cell surface antigen and labels all peritoneal and 90% of alveolar macrophages. Splenic red pulp macrophages are antigen +ve, marginal zone macrophages antigen -ve. The antibody also reacts with the 120kDa antigen on granulocytes and dendritic cells and recognises rat SIRP (personal communication).

**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:** Jefferies et al. 1985. J Exp Med. 162(1):117-27. PMID: 3159821.

CancerTools.org