



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-CD48 [OX-45] Bulk Size Ab00571-8.1-BT

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rat IgG2b, Kappa

**Clone Number:** OX-45

**Alternative Name(s) of Target:** BCM1; BCM1 surface antigen; BLAST1; BLAST-1; HM48-1; MRC OX-45 surface antigen; MRC OX45 surface antigen; OX45 surface antigen; OX-45 surface antigen; SLAM family member 2; SLAMF2; sgp60; sgp-60; signalling lymphocytic activation molecule 2 OX45; MRC OX-4

**UniProt Accession Number of Target Protein:** P10252

**Published Application(s):** Blocking, FC

**Published Species Reactivity:** Rat

**Immunogen:** OX-45 was prepared by immunizing BALB/c mice with rat T blasts prepared by stimulating purified T helper (TH) cells with allogeneic irradiated rat spleen cells.

**Specificity:** OX-45 binds specifically to CD48 on rat thymocytes, T and B cells and endothelium but not LFA.3. Directly competes with CD46 for binding the target epitope. CD48 is a CD2 ligand and is expressed on the surface of all hematopoietic cells and endothelium. May be involved in the facilitation of interactions between activated lymphocytes. Likely to be involved in T cell activation.

**Application Notes:** Describes the use of OX-45 in blocking the primary mixed lymphocyte response (MLR) and the secondary response of T lymphocytes to the soluble antigen DNP-BGG. It also showed that OX-45 did not have any effect on the cytotoxic activity of specific (CTL) or non-specific (NK) killer cells or on proliferative responses stimulated by lectins or oxidative mitogenesis.

**Antibody First Published in:** Arvieux et al. Monoclonal antibodies against a rat leucocyte antigen block antigen-induced T-cell responses via an effect on accessory cells. Immunology 58:337 1986 [PMID:2942461](#)

**Note on publication:** Monoclonal antibodies against a rat leucocyte antigen block antigen-induced T-cell responses via an effect on accessory cells.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg /ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.