

## Anti-CD6 [OX-124] Bulk Size Ab00538-23.0-BT

This chimeric rabbit 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:** Rabbit IgG, Kappa

**Clone Number:** OX-124

**Alternative Name(s) of Target:** TP120; CD6 molecule; OX124

**UniProt Accession Number of Target Protein:** P30203

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

**Published Species Reactivity:** Human

**Immunogen:** This antibody was raised by immunizing BALB/c mice with a fusion protein consisting of human CD6 and rat CD4 domains 3 and 4 (CD6d3CD4d3 + 4) (corrected, see: (Hassan et al., 2019; pmid: 30890626)).

**Specificity:** This antibody recognises the ligand-binding domain of human CD6 (domain 3).

**Application Notes:** This antibody blocks CD6/CD166 interactions; crossreacts well and less well on soluble recombinant rat and mouse CD6 respectively (Santos et al., 2019; pmid: 31162836).

**Antibody First Published in:** Hassan et al. CD6 Regulates T-Cell Responses through Activation-Dependent Recruitment of the Positive Regulator SLP-76 Mol Cell Biol. 2006 Sep;26(17):6727-38.

[PMID:16914752](#)

**Note on publication:** Describes the generation and characterisation of this antibody.

## 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.