

Anti-CD6 [OX-124] Standard Size Ab00538-23.0

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: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.