

Anti-CD6 [OX-126] Standard Size Ab00539-10.0

This chimeric human 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: Human IgG1, Kappa

Clone Number: OX-126

Alternative Name(s) of Target: TP120; OX126; MRC OX-126; MRC OX 126

UniProt Accession Number of Target Protein: P30203

Published Application(s): FC

Published Species Reactivity: Human

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

Specificity: This antibody is specific for the domain 2 of human CD6. Binding depends on a SNP (R, amino acid 225).

Application Notes: This antibody is noncompetitive with OX125 and does not block CD6/CD166 interactions (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 MOLECULAR AND CELLULAR BIOLOGY, Sept. 2006, p. 6727-6738 [PMID:16914752](#)

Note on publication: Describes the original use of this antibody to engage human CD6, blocking the CD6/CD166 interaction.

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.