

Anti-CD6 [OX-126] Standard Size Ab00539-23.0

Recombinant monoclonal antibody to CD6. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma OX-126.

Isotype and Format: Rabbit IgG, 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): Blocking, FC

Published Species Reactivity: Human

Immunogen: This antibody was prepared by immunizing BALB/c mice with a fusion protein consisting of human CD6 domain 3 and rat CD4 domains 3 and 4.

Specificity: This antibody is specific for the ligand-binding domain of human CD6 (domain 3).

Application Notes: This antibody can block the interaction between CD6 and its ligand CD166, with a consequent reduction in antigen-specific IL-2 production by human T cells (Hassan et al, 2006).

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.