

Anti-CD96 [6A6] Standard Size Ab01297-2.0

This chimeric mouse antibody was made using the variable domain sequences of the original rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, Lambda

Clone Number: 6A6

Alternative Name(s) of Target: TACTILE; T-cell surface protein tactile; T cell-activated increased late expression protein

UniProt Accession Number of Target Protein: Q3U0X8

Published Application(s): Blocking, FC

Published Species Reactivity: Mouse

Immunogen: This antibody was raised by immunising rats with murine CD96.

Specificity: This antibody is specific for murine CD96, and recognises an epitope in the first Ig domain.

Application Notes: This antibody blocks murine CD96-CD155 interaction, and has been shown to bind to the first Ig domain of CD96 and compete with CD155 binding (Roman Aguilera et al, 2018). This antibody displays significant anti-metastatic activity in four experimental lung metastases models and one spontaneous tumour metastasis model (Roman Aguilera et al, 2018), with a potency greater than the anti-CD96 monoclonal antibodies 3.3 and 8B10. The binding specificity of this antibody has been determined in flow cytometric analysis of HEK-293 cells transfected with a range of CD96 Ig domain chimeric constructs (Roman Aguilera et al, 2018).

Antibody First Published in: Seth et al. The murine pan T cell marker CD96 is an adhesion receptor for CD155 and nectin-1. Biochem Biophys Res Commun. 2007 Dec 28;364(4):959-65. [PMID:17971293](#)

Note on publication: Describes the original generation of this antibody, and its characterisation.

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.