

## Anti-CD96 [6A6] Bulk Size Ab01297-3.0-BT

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 IgG2b, 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:** 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.