Anti-CD96 [6A6] VivopureX 25 mg Ab01297-2.3-VXX

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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, Fc Silent™, 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: 25 mg VivopureX products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. These antibodies are chimerized to have an Fc domain matching their target species to reduce immunogenicity and give you the optimal effector function for your experiment. As

a result VivopureX products are the ideal choice for in vivo research applications.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: All VivopureX products are formulated in PBS only without addition of preservatives. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.
Concentration: >=1mg (see vial label for exact conc)

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.