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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-TACE [D1 (A12)] Standard Size Ab00611-10.6

This is a Fab fragment with a his-tag. Developed in partnership with Ximbio (www.ximbio.com).

Isotype and Format: Human Fab fragment, His-Tagged, Kappa

Clone Number: D1 (A12)

Alternative Name(s) of Target: ADAM17; tumor necrosis factor- α -converting enzyme; CD156b

UniProt Accession Number of Target Protein: P78536

Published Application(s): Block

Published Species Reactivity: Human

Immunogen: Recombinant human ADAM17 (TACE) ectodomain tagged to biotin.

Specificity: This antibody binds human (not mouse) TACE catalytic and non-catalytic domains.

Application Notes: TACE (CD156b) has proved capable of cleaving epidermal growth factor receptor (EGFR) ligands, extracellular Notch1, cell-surface receptors, and adhesion molecules. As proteolytic cleavage is an indispensable activation event for many of these substrates, TACE has emerged as an attractive therapeutic target for the treatment of cancer and rheumatoid arthritis. This "cross-domain" human antibody is a selective TACE antagonist and provides a unique alternative to smallmolecule metalloprotease inhibition. Note from inventor: "D1(A12) is conformation sensitive and sees only a specific form of the native enzyme (reflecting its redox state). It does not work by IHC or WB. It was designed as a potential drug, active in native situations".

Antibody First Published in: Tape et al. Cross-domain inhibition of TACE ectodomain Proc Natl Acad Sci U S A. 108(14):5578-83 [PMID:21415364](#)

Note on publication: Describes the generation and characterisation of this antibody by phage-display.

Product Form

Size: 200 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.