

Anti-TACE [D1(A12)] rAb

Catalogue number: 152045

Sub-type: Primary antibody

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-TACE [D1(A12)] rAb

Alternate name: Anti-TACE [D1(A12)]

Class: Recombinant

Conjugate: Biotin

Description: Anti-TACE [D1 (A12)] is a human recombinant antibody. This antibody displays inhibitory behaviour to TNF-alpha converting enzyme (TACE). TACE is a membrane-bound metalloprotease (ADAM17) proved capable of cleaving a variety of pathologically significant substrates. TACE has emerged as an attractive therapeutic target for the treatment of cancer and rheumatoid arthritis. D1(A12) binds a cross-domain epitope. D1(A12) is the first ADAM inhibitor to show an affinity preference for the complete TACE ectodomain over the isolated catalytic domain. This antibody is a selective TACE antagonist and provides a unique alternative to small molecule metalloprotease inhibition. This antibody allows the study of the individual pathological impact of TACE activity.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Human

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

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Brain, heart, kidney, liver, lung and spleen

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: TACE (ADAM17)

Target alternate names:

Target background: 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 meta...

Molecular weight: 93.02/ 91.12/ 68.22 kDa (prepro-/pro-/mature form) calculated

Ic50:

Applications

Application: Fn

Application notes:

Handling

Format: Liquid

Concentration: 5.9 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-TACE, Recombinant [D1 (A12)] (mouse IgG)

References

References:

CancerTools.org