

Product: Anti-TACE/ADAM17 (CT)
Catalog #: 12-1131
Amount: 25 mg

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal

TNF α converting Enzyme (TACE) protein was recently purified and human and mouse TACE cDNAs were cloned. TACE is a membrane bound metalloprotease-disintegrin in the family of mammalian ADAM (disintegrin and metalloprotease). TACE also processes other cell surface protein, including TNF receptor, TGF α , the L-selectin adhesion molecule, and alpha-cleavage of amyloid protein precursor (APP). TACE mRNA is expressed in a variety of human and murine tissues. TACE was selected as one of the few targets in cytokine activation by the Eight International Conference of the Inflammation Research Association.

FORM:
IMMUNOGEN:

Purified IgG in PBS containing 0.02% Sodium azide
A peptide corresponding to amino acids 807 to 823 of human TACE.
The sequence differs from those of mouse and rat by one amino acid.

APPLICATION:
REACTIVITY/SPECIES:
RECOMMENDED FOR
POSITIVE CONTROL:

Immunoblotting (min. dilution 1:500)
Human, mouse and rat

STORAGE:

whole cell lysate from HeLa or Jurkat cells (80-130 kDa band should be detected)
2-8°C for immediate use, or at -20°C (aliquot)

12-1131P Blocking peptide available

REFERENCES:

Black, RA. Et al. (1997) Nature **385**: 729-733
Moss, ML. et al. (1997) Nature **385**: 733-736
Mitzui, Y. et al. (1999) Gene **233**: 67-74
Peschon, JJ. et al. (1998) Science **282**:1281-1284
Buxbaum, JD. et al. (1998) J Biol Chem **273**: 27765-27767
Giegel, DA. & Chaplin, DD. (1998) Agents Actions Suppl. **49**: 1-3

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