

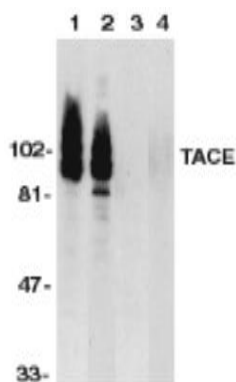
TACE (CT), Human pAb

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|---------------------------------|--|------------------|------------------|
| Catalog No. | PX083A PX083B | Quantity: | 100 µg 0.5 mg |
| Alternate Names: | TNF-alpha converting enzyme, ADAM17 | | |
| Description: | <p>Tumor-necrosis factor-α is a proinflammatory cytokine and contributes to a variety of inflammatory disease responses and programmed cell death. TNF-α is synthesized as a 26K type II membrane-bound precursor that is cleaved by a convertase to generate secreted 17K mature TNF-α. TNF-α converting enzyme (TACE) protein was recently purified and the human and mouse TACE cDNAs were cloned by several groups separately. TACE is a membrane-bound metalloprotease-disintegrin in the family of mammalian ADAM (for a disintegrin and metalloprotease). TACE also processes other cell surface proteins, including TNF receptor, TGFα, the L-selectin adhesion molecule, and alpha-cleavage of amyloid protein precursor (APP). TACE mRNA is expressed in a variety of human and mouse tissues. TACE was selected as one of the few targets in cytokine activation by the Eighth International Conference of the Inflammation Research Association.</p> | | |
| Specificity: | Human TACE | | |
| Host: | Rabbit | | |
| Immunogen: | Peptide corresponding to amino acids near the carboxy terminus of human TACE. This sequence differs from those of mouse and rat TACE by one amino acid. | | |
| Isotype: | IgG | | |
| Formulation: | Liquid in PBS containing 0.02% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only. | | |
| Purification: | Immunoaffinity chromatography | | |
| Cross-Reactivity: | Human, mouse, and rat reactive. | | |
| Storage & Stability: | Stable for one year when stored at -20°C. | | |
| Applications: | <p>Western Blot for detection of TACE: working dilution of 0.5-1.0 µg/ml. HeLa or Jurkat whole cell lysate can be used as positive control and 80 to 130 kDa bands can be detected, which may represent mature protein, precursor, and glycosylated TACE. The optimal concentration should be determined by the user for each specific application.</p> | | |

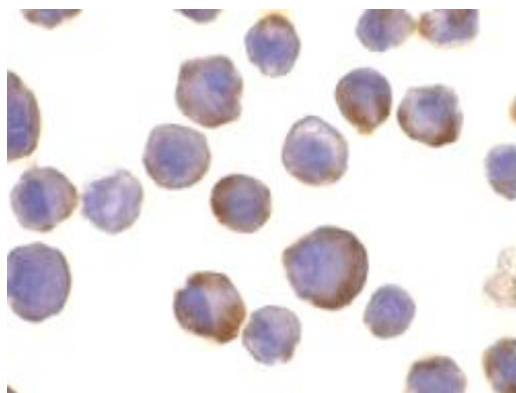


Also available: Catalog No. PX083BP: TACE (CT) Blocking peptide
Catalog No. PX314A: HeLa whole cell lysate
Catalog No. PX181A: APP (CT), Human pAb
Catalog No. PX073A: ADAM10/KUZ, Human PAb

Western blot analysis of TACE in HeLa and Jurkat whole cell lysate in the absence or presence of blocking peptide (Cat. No. PX083BP) with anti-TACE (CT) at 1 μ g/ml



Immunocytochemistry of TACE in HeLa cells with TACE antibody at 10 μ g/ml.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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