

# Anti-ADAM17 [17MOCYT]

**Catalogue number:** 152533

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Carl Blobel

**Institute:** Hospital for Special Surgery

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-ADAM17 [17MOCYT]

**Alternate name:**

**Class:** Polyclonal

**Conjugate:** Unconjugated

**Description:** ADAM17 (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, ADAM17 has emerged as an attractive therapeutic target for the treatment of cancer and rheumatoid arthritis.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Mouse

**Selectivity:**

**Host:** Rabbit

**Immunogen:** GST-cyto corresponding to the cytoplasmic domain of murine ADAM17

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** ADAM17

**Target alternate names:**

**Target background:** ADAM17 (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, ADAM17 has emerged as an attractive therapeutic target for the treatment of cancer and rheumatoid arthritis.

**Molecular weight:** ~100 kDa (mature form), ~120 kDa (pro-form)

**Ic50:**

## Applications

**Application:** WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** Whole serum

**Storage conditions:** -20° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** KrÄ&Amp;tzschmar et al. 1996. J Biol Chem. 271(9):4593-6. PMID: 8617717.

CancerTools.org