# Anti-ADAM28 [28MOCYT]

**Catalogue number:** 152535
**Sub-type:** Primary antibody
**Images:**

## Contributor

**Inventor:** Carl Blobel
**Institute:** Hospital for Special Surgery
**Images:**

## Tool details

***FOR RESEARCH USE ONLY**

**Name:** Anti-ADAM28 [28MOCYT]

**Alternate name:**



**Class:** Polyclonal
**Conjugate:** Unconjugated
**Description:** ADAM28, also known as eMDCII, MDC-Ls and TECADAM, was first described in lymphocytes, also in Thymic Endothelial Cells (TECADAM), as well as in the epididymus. Later works describe two forms of ADAM28: ADAM28-S and ADAM28-L (short and long forms). The short form is a soluble, alternatively spliced form lacking the transmembrane and cytoplasmic domains. A member of the metalloproteinase family containing disintegrin-like domains (ADAMs) the functions of ADAM28 is still poorly understood. Other ADAMs family members (ADAM10, ADAM17) have been more thoroughly studied and are known to play key roles in inflammation, growth factor maturation and release, and a wide range of other functions. ADAM28 may play a role in the adhesive and proteolytic events that occur during lymphocyte emigration or may function in ectodomain shedding of lymphocyte surface target proteins, such as FASL and CD40L. It may be involved in sperm maturation.
**Purpose:**
**Parental cell:**
**Organism:**
**Tissue:**
**Model:**
**Gender:**
**Isotype:**
**Reactivity:** Mouse
**Selectivity:**
**Host:** Rabbit
**Immunogen:** GST-fusion protein with the cytoplasmic domain of murine ADAM28
**Immunogen UNIPROT ID:**

**Sequence:**
**Growth properties:**
**Production details:**
**Formulation:**
**Recommended controls:**
**Bacterial resistance:**
**Selectable markers:**
**Additional notes:**

## Target details

**Target:** ADAM28

**Target alternate names:**

**Target background:** ADAM28, also known as eMDCII, MDC-Ls and TECADAM, was first described in lymphocytes, also in Thymic Endothelial Cells (TECADAM), as well as in the epididymus. Later works describe two forms of ADAM28: ADAM28-S and ADAM28-L (short and long forms). The short form is a soluble, alternatively spliced form lacking the transmembrane and cytoplasmic domains. A member of the metalloproteinase family containing disintegrin-like domains (ADAMs) the functions of ADAM28 is still poorly understood. Other ADAMs family members (ADAM10, ADAM17) have been more thoroughly studied and are known to play key roles in inflammation, growth factor maturation and release, and a wide range of other functions. ADAM28 may play a role in the adhesive and proteolytic events that occur during lymphocyte emigration or may function in ectodomain shedding of lymphocyte surface target proteins, such as FASL and CD40L. It may be involved in sperm maturation.



**Molecular weight:** ~100 kDa

**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:** Chesneau et al. 2003. J Biol Chem. 278(25):22331-40. PMID: 12682046. ; Inoue et al. 1998. J Biol Chem. 273(7):4180-7. PMID: 9461614. ; Kawaguchi et al. 2007. J Cell Sci. 120(Pt 6):943-52. PMID: 17344430. ; Zhou et al. 2004. Mol Cell Biol. 24(1):96-104. PMID: 14673146.