

# Anti-ADAM9 [9MO]

**Catalogue number:** 152538

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Carl Blobel

**Institute:** Hospital for Special Surgery

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-ADAM9 [9MO]

**Alternate name:**

**Class:** Polyclonal

**Conjugate:** Unconjugated

**Description:** ADAM9 encodes disintegrin and metalloprotease (ADAM) domain 9, which is a member of the ADAM protein family. Members of this family are membrane- anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell- cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The member encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Mouse

**Selectivity:**

**Host:** Rabbit

**Immunogen:** GST-cyto corresponding to the cytoplasmic domain of murine ADAM9

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** ADAM9

**Target alternate names:**

**Target background:** ADAM9 encodes disintegrin and metalloprotease (ADAM) domain 9, which is a member of the ADAM protein family. Members of this family are membrane- anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell- cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The member encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor.

**Molecular weight:** ~84 kDa (mature form), 115 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:** Howard et al. 1999. J Biol Chem. 274(44):31693-9. PMID: 10531379.

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