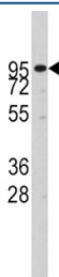


ADAM17 Antibody (F44300)

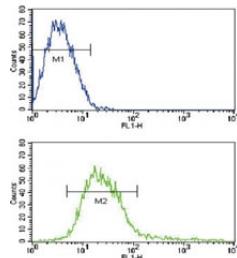
| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F44300-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F44300-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

Bulk quote request

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | P78536 |
| Applications | Western Blot : 1:1000 Flow Cytometry : 1:10-1:50 |
| Limitations | This ADAM17 antibody is available for research use only. |



Western blot analysis of ADAM17 antibody and CEM lysate. Expected molecular weight: 80-130KD depending on level of glycosylation



Flow cytometric analysis of CEM cells using ADAM17 antibody (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

ADAM17 is a member of the ADAM (a disintegrin and metalloprotease domain) 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. ADAM17 functions as a tumor necrosis factor-alpha converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a prominent role in the activation of the Notch signaling pathway.

Application Notes

Titration of the ADAM17 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 195-224 from the human protein was used as the immunogen for this ADAM17 antibody.

Storage

Aliquot the ADAM17 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.