



Anti-mouse ADAM33 Ectodomain Antibody

ORDERING INFORMATION

Catalog Number: AF2434

Lot Number: UOC01

Size: 100 µg

Formulation: 0.2 µm filtered solution in PBS with 5% trehalose

Storage: -20° C

Reconstitution: sterile PBS

Specificity: mouse ADAM33

Immunogen: NS0-derived rmADAM33 (aa 205 - 702)

Ig Type: goat IgG

Applications: Direct ELISA
Western blot
Immunoprecipitation

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant mouse A Disintegrin And Metalloproteinase-like Domain 33 (rmADAM33; aa 205 - 702). Mouse ADAM33 specific IgG was purified by mouse ADAM33 affinity chromatography.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.

Reconstitution

Reconstitute with sterile PBS. If 0.5 mL of PBS is used, the antibody concentration will be 0.2 mg/mL.

Storage

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize mouse ADAM33 in direct ELISAs and Western blots.

Applications

Western blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse ADAM33. The detection limit for rmADAM33 is approximately 1 ng/lane and 5 ng/lane under non-reducing and reducing conditions, respectively.

Immunoprecipitation - This antibody has been used to immunoprecipitate rmADAM33 from conditioned media of transfected NS0 cells.

Direct ELISA - This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse ADAM33. The detection limit for rmADAM33 is approximately 0.2 ng/well. In this format, this antibody shows less than 1% cross-reactivity with rmADAM8, rmADAM10 and rmADAM15.

Optimal dilutions should be determined by each laboratory for each application.