

DESCRIPTION

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|---------------------------|---|
| Species Reactivity | Human |
| Specificity | Detects human Adrenomedullin R/ADMR in direct ELISAs. |
| Source | Monoclonal Mouse IgG _{2B} Clone # 528563 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | HEK293 human embryonic kidney cell line transfected with human Adrenomedullin R/ADMR Accession # O15218 |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS. |

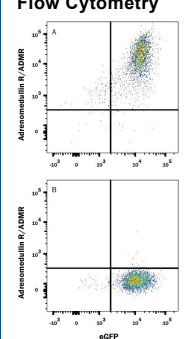
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

| | Recommended Concentration | Sample |
|-----------------------------|--|-----------|
| Flow Cytometry | 0.25 µg/10 ⁶ cells | See Below |
| Immunohistochemistry | 5-25 µg/mL | See Below |
| CytoF-ready | Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation. | |

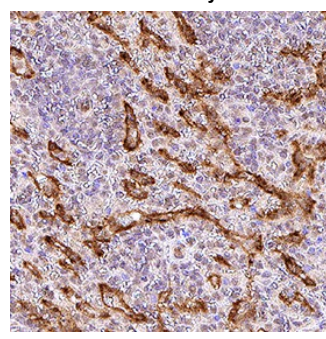
DATA

Flow Cytometry



Detection of Adrenomedullin R/ADMR in HEK293 Human Cell Line Transfected with Human Adrenomedullin R/ADMR and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with (A) human Adrenomedullin R/ADMR or (B) irrelevant transfectants and eGFP was stained with Mouse Anti-Human Adrenomedullin R/ADMR Monoclonal Antibody (Catalog # MAB10293) followed by APC-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0101B). Quadrant markers were set based on control antibody staining (Catalog # MAB0041). View our protocol for [Staining Membrane-associated Proteins](#).

Immunohistochemistry



Adrenomedullin R/ADMR in Human Spleen Tissue. Adrenomedullin R/ADMR was detected in immersion fixed paraffin-embedded sections of human spleen tissue using Mouse Anti-Human Adrenomedullin R/ADMR Monoclonal Antibody (Catalog # MAB10293) at 5 µg/mL for 1 hour at room temperature followed by incubation with the Anti-Mouse IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC001). Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic (Catalog # CTS013). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to endothelial cell in sinusoids. View our protocol for [IHC Staining with VisUCyte HRP Polymer Detection Reagents](#).

PREPARATION AND STORAGE

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|--------------------------------|--|
| Reconstitution | Reconstitute at 0.5 mg/mL in sterile PBS. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

BACKGROUND

ADMR (GPR182) is a seven transmembrane orphan receptor originally thought to be a receptor for adrenomedullin. ADMR is highly expressed in heart, skeletal muscle, immune system, adrenal gland and liver. Expression is in endothelial cells along the vascular tree.