

NPR2 recombinant antibody

NPR2 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279077	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

NPR2; Monoclonal Recombinant Antibody; NPR2 Recombinant Monoclonal Antibody; Atrial natriuretic peptide receptor 2 (EC 4.6.1.2)(Atrial natriuretic peptide receptor type B)(ANP-B)(ANPR-B)(NPR-B)(Guanylate cyclase B)(GC-B); ANPRB; NPR2 recombinant antibody

PRODUCT SPECIFICATIONS

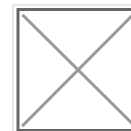
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	19C7
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for NPR2 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human NPR2
Conjugation	Non-conjugated
Research Area	Neuroscience; Cardiovascular; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing HeLa cells stained with AAA279077 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of HeLa with AAA279077 at 1:25, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 501-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)
Western BlotPositive WB detected in: HEPG2 whole cell lysate, MCF7 whole cell lysateAll
lanes: ANPRB antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000
dilutionPredicted band size: 117 kDaObserved band size: 117 kDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	4580422
NCBI GeneID	4882
NCBI Accession #	NP_003986.2
NCBI GenBank Nucleotide #	NM_003995.3
UniProt Accession #	P20594; O60871; Q4VAK7; Q5TCV2; Q8TA93; Q9UQ50; B0ZBF2; B0ZBF3; D3DRP3; D3DRP4
Molecular Weight	111,208 Da
NCBI Official Full Name	atrial natriuretic peptide receptor 2
NCBI Official Synonym Full Names	natriuretic peptide receptor 2
NCBI Official Symbol	NPR2
NCBI Official Synonym Symbols	AMDM; ANPb; ECDM; NPRB; SNSK; ANPRB; GUC2B; NPRBi; GUCY2B
NCBI Protein Information	atrial natriuretic peptide receptor 2
UniProt Protein Name	Atrial natriuretic peptide receptor 2
UniProt Gene Name	NPR2
UniProt Synonym Gene Names	ANPRB; ANP-B; ANPR-B; NPR-B; GC-B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/npr2-recombinant-antibody-clone-19c7-flow-cytometry-immunofluorescence-western-blot-elisa/279077>