

Anti-NPR2 Antibody (6D108)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6D108
Purification:	Affinity-chromatography

Applications

Verified Activity:	<ol style="list-style-type: none">Western Blot<ul style="list-style-type: none">-Positive WB detected in: HEPG2 whole cell lysate, MCF7 whole cell lysate-All lanes: ANPRB antibody at 1:1000-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 117 kDa-Observed band size: 117 kDaImmunofluorescence staining of Hela with TMAH-00824 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).Overlay Peak curve showing Hela cells surface stained with TMAH-00824 (red line) at 1:50. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*10⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1µg/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.
Application:	ELISA, WB, IF, FCM
Recommended	WB:1:500-1:2000; IF:1:50-1:200; FCM:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human NPR2
Antigen Species:	Human
Gene ID:	4882
Uniprot ID:	P20594
Biology Area:	Neuroscience, Cardiovascular, Signal transduction

Research Background

Receptor for the C-type natriuretic peptide NPPC/CNP hormone. Has guanylate cyclase activity upon binding of its ligand. May play a role in the regulation of skeletal growth.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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