



KAL-KB484

For research use only

Anti Human ADRB2 Polyclonal Antibody

Code No. KB484
Target ADRB2
Category Neuroscience
Gene ID 154
Primary Source HGNC:286
Synonyms BAR; B2AR; ADRBR; ADRB2R; BETA2AR; ADRB2

Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human ADRB2

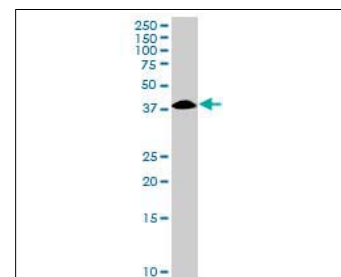
Raised in Mouse
Myeloma -
Clone number -
Purification Protein A purified
Source Mouse Serum
Isotype -
Cross Reactivity -
Label Unlabeled
Concentration 0.5 mg/mL
Contents (Volume) 50 µg
Buffer PBS, pH 7.2

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

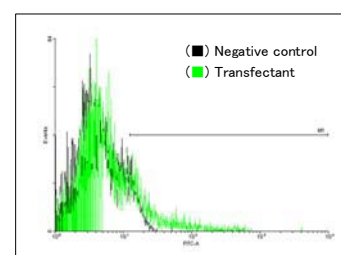
Application WB,FCM

| ELISA | WB | IHC | ICC |
|-------|-----|-----|----------------|
| - | 1.0 | - | - |
| IP | FCM | IF | Neutralization |
| - | 1.0 | - | - |

(µg/mL)



[WB] ADRB2 transfected 293T cell lysate



[FCM] ADRB2 expressing 293 cells

Reference

1. Chung F.-Z., et al. "Cloning and sequence analysis of the human brain beta-adrenergic receptor. Evolutionary relationship to rodent and avian beta-receptors and porcine muscarinic receptors." FEBS Lett. 211:200-206(1987)
2. Kobilka B.K., et al. "Delineation of the intronless nature of the genes for the human and hamster beta 2-adrenergic receptor and their putative promoter regions." J. Biol. Chem. 262:7321-7327(1987)
3. Schofield P.R., et al. "Primary structure of the human beta-adrenergic receptor gene." Nucleic Acids Res. 15:3636-3636(1987)

UniPlot Summary

//Function: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine.
//Subcellular location: Cell membrane; Multi-pass membrane protein.
//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.

Manufactured by TransGenic Inc.



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