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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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alpha2B Adrenergic Receptor. Mouse Monoclonal Antibody

BACKGROUND

The rat alpha 2b adrenergic receptor is a G protein coupled receptor which acts through Gi2 and is responsible for Cellular communication and signal transduction. These receptors are linked to pertussis toxin-sensitive G proteins. Agonist binding leads to inhibition of adenylyl cyclase, inhibition of Ca(2+) channels and activation of K(+) channels. Recently, three distinct subtypes of alpha(2)-AR were described, alpha(2A)-AR, alpha(2B)-AR and alpha(2C)-AR. At present, it is unknown which of these alpha(2)-AR subtype(s) may regulate insulin secretion.

ORDERING INFORMATION

CATALOG NUMBER
X1630M

SIZE

100 µg

FORM

Unconjugated

HOST/CLONE

Mouse Clone 5G10

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG1

APPLICATIONS

Western Blot, Immunohistochemistry

SPECIES REACTIVITY

Rat, Mouse

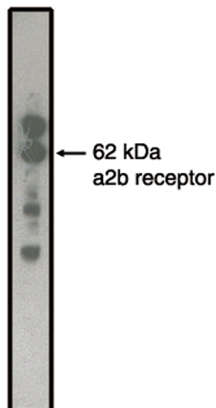
ACCESSION NUMBER

Human P19328

IMMUNOGEN

Antibody raised to synthetic peptide internal sequence corresponding to the third intracellular loop of rat alpha 2b adrenergic receptor.

Western blot analysis using alpha2B adrenergic receptor antibody on MDCK cells transfected to produce alpha2B receptor protein.



POSITIVE CONTROL/TISSUE EXPRESSION

MDCK cells transfected with rat alpha2B adrenergic receptors.

COMMENTS

Antibody detects alpha2B Adrenergic Receptors (1-5 µg/ml) and immunohistochemistry. Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Protein A/G Chromatography

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

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7. Sivenius, K, et al. 'A deletion in the alpha2B-adrenergic receptor gene and autonomic nervous function in central obesity.' *Obes Res* 2003, 8, 962-70
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PRODUCT SPECIFIC REFERENCES