UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

EB08202 - Goat Anti-P2RY1 (aa345-356) Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: P2RY1, purinergic receptor P2Y, G-protein coupled, 1, P2Y1, ATP receptor, P2 purinoceptor subtype Y1, P2Y purinoceptor 1, platelet ADP receptor, purinergic receptor P2Y1
Official Symbol: P2RY1
Accession Number(s): NP_002554.1
Human GeneID(s): 5028
Non-Human GeneID(s): 18441 (mouse), 25265 (rat)

Immunogen
Peptide with sequence C-RSEANLQSKSED, from the C terminus of the protein sequence according to NP_002554.1.

Please note the peptide is available for sale.

Purification and Storage
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested
Peptide ELISA: antibody detection limit dilution 1:8000.
Western blot: Preliminary experiments gave an approx. 50kDa band in lysates of Human Lung and of cell line A549 after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 42.1kDa according to NP_002554.1. The 50kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity
Tested:
Expected from sequence similarity: Human, Mouse, Rat, Dog