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Datasheet for ABIN1424807
anti-Neurologin 2 antibody (PE-Cy5)

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | Neurologin 2 (NLGN2) |
| Reactivity: | Human, Rat, Mouse, Dog, Cow, Horse, Pig, Rabbit |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Neurologin 2 antibody is conjugated to PE-Cy5 |
| Application: | Flow Cytometry (FACS) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human NLGN2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | Neurologin 2 (NLGN2) |
| Alternative Name: | NLGN2 (NLGN2 Products) |
| Background: | Synonyms: NL1, NL2, Neurologin 1, Neurologin 2, Neurologin I, Ortholog of human and rat neurologin 2 NLGN2, NLGN2_HUMAN. |

Target Details

Background: Neuroligins are a family of plasma membrane proteins that possess an N-terminal hydrophobic domain, a large esterase homology domain, a single transmembrane region, a short cytoplasmic domain, and an EF-hand binding domain (1,2). Members of the neuroligin family include Neuroligin 1, Neuroligin 2 and Neuroligin 3. Neuroligins are expressed in excitatory neuronal synaptic clefts. Neuroligins play a role in the formation and remodeling of CNS synapses by binding to b-neurexins, a family of neuronal cell surface proteins. Neuroxin 1b binds to the EF-hand domain of Neuroligin 1 and requires calcium ion. Neuroligins also bind to PSD-95, which may recruit ion channels and neurotransmitter receptors to the synapses.

Molecular Weight: 90kDa

Gene ID: 57555

Pathways: [Cell-Cell Junction Organization](#), [Synaptic Membrane](#)

Application Details

Application Notes: FCM(1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.