Recombinant DGRmAb®

# SNAP25 (DGR32345) Rabbit mAb (PBS Only)

**db11478-PBS** **Package : 10μg 100μg**

**Product Name :** SNAP25 (DGR32345) Rabbit mAb (PBS Only)
**Cat.No.:** db11478-PBS
**Synonyms :** SUP; RIC4; SEC9; SNAP; CMS18; RIC-4; SNAP-25; bA416N4.2; dJ1068F16.2
**Application :** WB, ICC/IF, FC
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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| **Background** | Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore, this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008] |
| **Immunogen** | A synthetic peptide of human SNAP25 |
| **Gene ID** | 6616 |
| **Swiss Prot** | P60880 |
| **Synonyms** | SUP; RIC4; SEC9; SNAP; CMS18; RIC-4; SNAP-25; bA416N4.2; dJ1068F16.2 |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, ICC/IF, FC |
| **Calculated MW** | 23 kDa |
| **Observed MW** | 25 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR32345 |
| **Isotype** | IgG |

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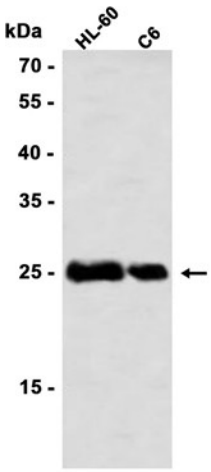
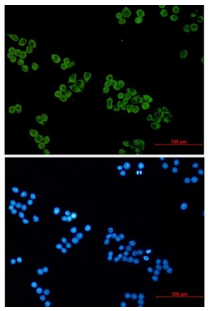
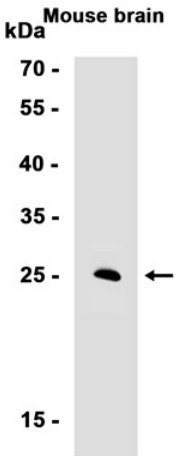
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Concentration** | 1 mg/mL |
| **Formulation** | PBS Only |
| **Storage Stability** | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |




Western blot analysis of extracts from HL-60, C6 cells using db11478 at 1:1000.



Immunofluorescent analysis of HeLa cells using db11478 antibody (green), and DAPI (blue).




Western blot analysis of extracts from Mouse brain tissue using db11478 at 1:1000.