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30-2339: PE Conjugated, Anti-Drebrin Monoclonal Antibody (Clone:DBN-N-03)

Clonality: Monoclonal **Clone Name:** DBN-N-03 FACS Application: Reactivity: Human Conjugate: PΕ Gene: DBN1 Gene ID: 1627 **Uniprot ID:** Q16643

Alternative Name: Developmentally-regulated brain protein

Isotype: Mouse IgG2b

Immunogen Information: Bacterially expressed N-terminal fragment of recombinant human drebrin (aa 1-326)

Description

Drebrin is an actin-binding protein, which is expressed mainly in neurons and plays important role in their morphogenesis. The highest level of its expression is in developing brain. Both in neurons and non-neuronal cells drebrin acts as a key regulator of actin cytoskeleton remodelling, affecting especially intercellular junctions, such as dendritic spines of neurons or the immune synapses of T cells. Decrease of drebrin amount in the brain seems to be associated with Alzheimer's disease and Down syndrome, and in case of B-cell precursor acute lymphoblastic leukemia (BCP-ALL) lower drebrin expression correlates with higher risk of relapse.

Product Info

Amount: 100 tests

Storage condition: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

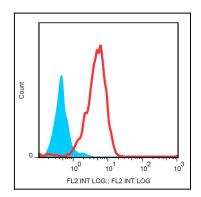


Figure 1: Intracellular staining of drebrin in NALM-6 cells using anti-drebrin (DBN-N-03) PE.