

Nur für Forschungszwecke

# Drebrin Monoklonaler Antikörper

Katalog-Nr.:CL594-67589



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-67589	<b>GenBank-Zugangsnummer:</b> BC007567	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von1627 Nanodrop;	<b>GeneID (NCBI):</b> 110-120 kDa	<b>CloneNo.:</b> 1A12H1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> drebrin 1	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2a	<b>Beobachteté Masse:</b> 110-120 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG22635		

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : SH-SY5Y-Zellen, Maushirngewebe
<b>Getestete Reaktivität:</b> Human, Maus	

## Hintergrundinformationen

Drebrin (DBN1) is an actin binding and stabilizing protein with roles in endocytosis, formation of dendrite spines in neurons and coordinating cell-cell synapses in immune cells. Preferentially expressed in the brain, it is highly localized in dendritic spines and regulates spine shapes. It has two isoforms that are splice variants, with drebrin A being expressed in neural cells, and drebrin E is present in several other cell types. Recently it has been reported that circulating DBN1 levels correlated with retinal nerve fiber layer defect and may reflect the severity of retinal ganglion cells injury in glaucoma patients.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

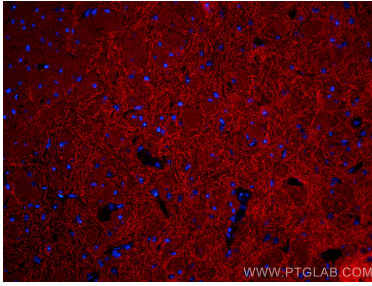
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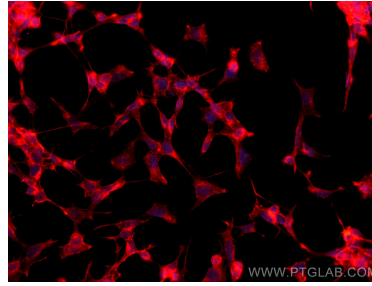
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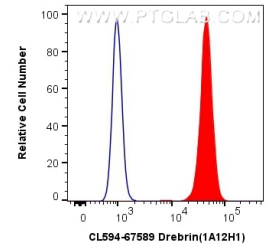
## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 Drebrin antibody (CL594-67589, Clone: 1A12H1) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using CoraLite®594 Drebrin antibody (CL594-67589, Clone: 1A12H1) at dilution of 1:200.



1X10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Drebrin (CL594-67589, Clone:1A12H1) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).