Recombinant DGRmAb®

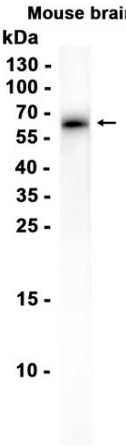
# Occludin (DGR14439) Rabbit mAb

**db11580** **Package : 10μL 20μL 50μL 100μL**

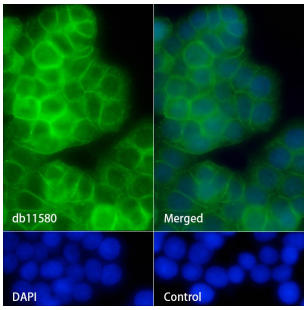
**Product Name :** Occludin (DGR14439) Rabbit mAb
**Cat.No.:** db11580
**Synonyms :** BLCPMG; PTORCH1; PPP1R115
**Application :** WB, IHC-P, ICC/IF, FC, IP
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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|---|---|
| **Background** | This gene encodes an integral membrane protein that is required for cytokine-induced regulation of the tight junction paracellular permeability barrier. Mutations in this gene are thought to be a cause of band-like calcification with simplified gyration and polymicrogyria (BLC-PMG), an autosomal recessive neurologic disorder that is also known as pseudo-TORCH syndrome. Alternative splicing results in multiple transcript variants. A related pseudogene is present 1.5 Mb downstream on the q arm of chromosome 5. [provided by RefSeq, Apr 2011] |
| **Immunogen** | Recombinant protein of human Occludin |
| **Gene ID** | 100506658, 18260, 83497 |
| **Swiss Prot** | Q16625, Q61146, Q6P6T5 |
| **Synonyms** | BLCPMG; PTORCH1; PPP1R115 |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, IHC-P, ICC/IF, FC, IP |
| **Recommended dilution** | WB: 1:1000<br>IHC-P: 1:100-1:200<br>ICC/IF: 1:100<br>FC: 1:50-1:100<br>IP: 1:20-1:50 |
| **Calculated MW** | 59 kDa |
| **Observed MW** | 65 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR14439 |

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|---|---|
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |




Western blot analysis of extracts from Mouse brain tissue using db11580 at 1:1000.




Immunofluorescence analysis of HT-29 cells labelling Occludin with db11580.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11580 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.