Recombinant DGRmAb®

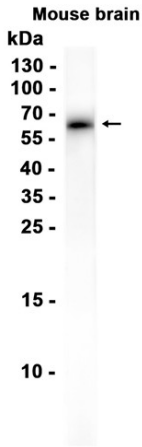
Occludin (DGR14439) Rabbit mAb (PBS Only)

db11580-PBS **Package : 10μg 100μg**

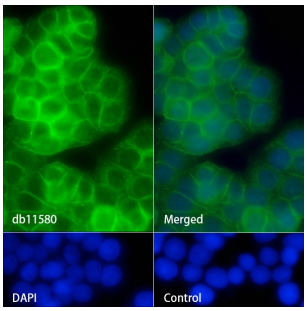
Product Name : Occludin (DGR14439) Rabbit mAb (PBS Only)
Cat.No.: db11580-PBS
Synonyms : BLCPMG; PTORCH1; PPP1R115
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	59 kDa
Observed MW	65 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14439
Isotype	IgG
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 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.