

CD147 Rabbit mAb
Catalog # AP76796**Specification**

CD147 Rabbit mAb - Product Information

Application	WB, IP, ICC
Primary Accession	P18572
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	42445

CD147 Rabbit mAb - Additional Information**Gene ID** 12215**Other Names**

Bsg

Dilution

WB~~1/500-1/1000

IP~~N/A

ICC~~N/A

Format

Liquid

CD147 Rabbit mAb - Protein Information**Name** Bsg**Function**

[Isoform 1]: Essential for normal retinal maturation and development (PubMed:10967074, PubMed:11273674, PubMed:11853760). Acts as a retinal cell surface receptor for NXNL1 and plays an important role in NXNL1-mediated survival of retinal cone photoreceptors (PubMed:25957687). In association with glucose transporter SLC16A1/GLUT1 and NXNL1, promotes retinal cone survival by enhancing aerobic glycolysis and accelerating the entry of glucose into photoreceptors (PubMed:25957687).

Cellular Location

[Isoform 1]: Cell membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P26453}. Photoreceptor inner segment. Cell projection, cilium, photoreceptor outer segment

Tissue Location

[Isoform 1]: Retina-specific (PubMed:11273674, PubMed:11853760, PubMed:12939332, PubMed:25957687). Expressed in both rods and cones (at protein level) (PubMed:25957687)

CD147 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD147 Rabbit mAb - Images

