

34-1010: Monoclonal Antibody to Arrestin-1/ S-antigen (Clone: S128)

Clonality :	Monoclonal
Clone Name :	S128
Application :	WB, IF/ICC, IHC
Reactivity :	Human, Rat, Mouse, Cow, Pig, Horse
Gene :	SAG
Gene ID :	6295
Uniprot ID :	P10523
Format :	Purified
Alternative Name :	48 kDa protein,S-AG,Retinal S-antigen,Rod photoreceptor arrestin
Isotype :	Mouse, IgG1
Immunogen Information :	Recombinant bovine arrestin-1 with the first 20 amino acids of the C-terminus truncated

Product Info

Amount :	50 µl / 100 µl
Content :	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody or concentrated tissue culture supernatant.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 1:5,000 IF/ICC: 1:1,000

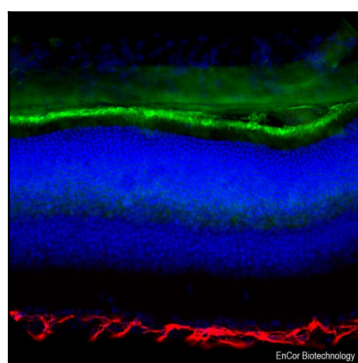


Figure-1: Immunofluorescent analysis of mouse retina section stained with mouse mAb to arrestin 1,(34-1010), dilution 1:1,000, in green, and costained with rabbit pAb to GFAP,(34-1042), dilution 1:3,000 in red. The blue is Hoechst staining of nuclear DNA. The arrestin 1 antibody reveals visual arrestin protein in cells located in the outer segments (OS) of the photoreceptor layer and in outer plexiform layer of retina. GFAP antibody stains astrocytes, only in the ganglion cell layer (GCL).

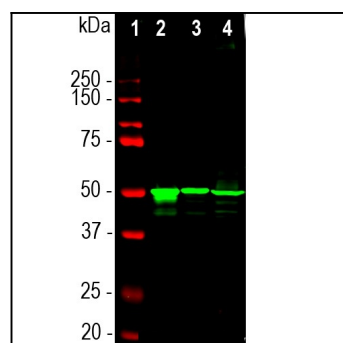


Figure-2: Western blot analysis of retina lysates from different species using mouse mAb to arrestin 1,(34-1010), dilution 1:5,000 in green: [1] protein standard (red), [2] rat [3] mouse and [4] cow retina lysates. The (34-1010) antibody detects arrestin 1 a.k.a. visual arrestin and S-antigen, running at about 48kDa.