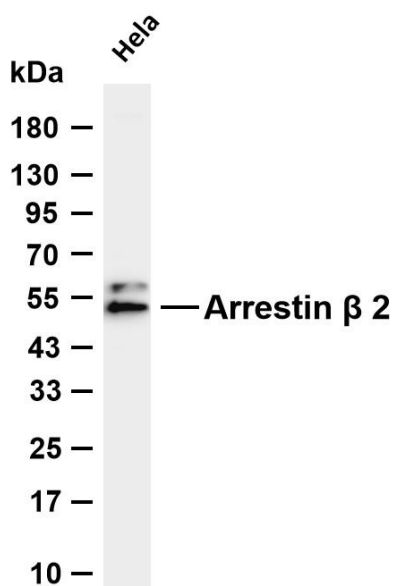
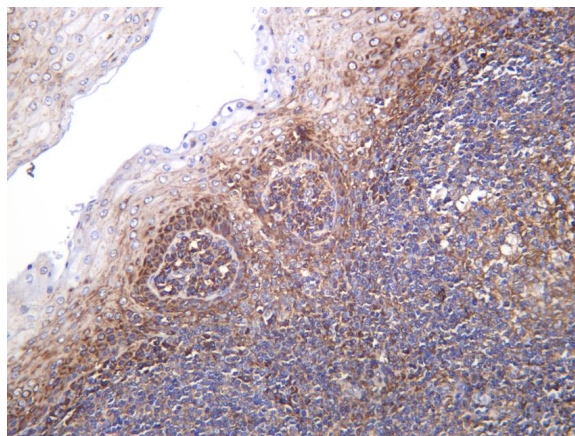


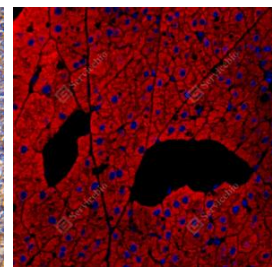
Product name:	Arrestin- β -2 Rabbit Monoclonal Antibody
Cat number:	MABN87873
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1mg/ml. The concentration of this product may be batch-dependent.
Host:	Rabbit
Isotype:	IgG
Immunogen:	The specific immunogen used to produce this antibody is proprietary information.
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:1000-1:5000; IHC 1:200-1:1000; IF 1:200-1:1000; IP 1:50-1:200; ELISA 1:5000-1:20000
Molecular Weight:	Observed MW: 52kDa
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Background:	Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta2, like arrestin beta1, was shown to inhibit beta-adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Besides the brain, a cDNA for arrestin beta2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors. Multiple alternatively spliced transcript variants encoding differentially isoforms have been found for this gene.[provided by RefSeq, Mar 2012]



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Arrestin β 2 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H+L) antibody was used to detect the antibody.



Human tonsil was stained with anti-Arrestin β 2 (PT1422R) Rabbit antibody



IF analysis of Beta Arrestin 2 red. Sample: Mouse pancreas, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer (pH 9.0), 98°C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG (H+L) 1: 300, RT, 1h.