

Product Datasheet

Anti-Co-Rest/RCOR1 Antibody FL490 Conjugate



Overview

Catalog #	75-039-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	K72/8
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 109-293 of human Co-Rest (accession number Q9UKL0), includes ELM2 and SANT domains, produced recombinantly in E. Coli
Molecular Weight	66-80 kDa (depending on gel system used)
Cite this Antibody	Antibodies Inc Cat# 75-039-FL490, RRID: AB_2939188

Details

Target Description	REST Corepressor 1, CoREST or RCOR is encoded by the gene RCOR1 and is a member of the CoREST family of proteins. CoREST is a corepressor to the RE1 silencing transcription factor/neural restrictive silencing (REST) transcription factor and is part of a multiprotein complex (BHC complex) that represses transcription of neuron-specific genes in non-neuronal cells. This complex determines neural cell differentiation. CoREST is ubiquitously expressed in the nucleus of cells. Diseases associated with this gene include Huntington Disease and Loeys-Dietz Syndrome 1.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

Storage

Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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