RBPJK Conjugated Antibody

Catalog No: #C49804

Package Size: #C49804-AF350 100ul #C49804-AF405 100ul #C49804-AF488 100ul #C49804-AF555 100ul #C49804-AF594 100ul #C49804-AF647 100ul #C49804-AF680 100ul #C49804-AF750 100ul #C49804-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	RBPJK Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AI843960 antibody AOS3 antibody CBF 1 antibody CBF-1 antibody CBF1 antibody csl antibody IGKJRB antibody IGKJRB1 antibody J kappa recombination signal binding protein antibody J kappa-recombination signal-binding protein antibody KBF2 antibody NY REN 30 antigen antibody RBP J antibody RBP J kappa antibody RBP JK antibody RBP-J antibody RBP-J kappa antibody RBP-JK antibody Rbpj antibody RBPJK antibody RBPSUH antibody recombination signal binding protein for immunoglobulin kappa J region antibody Recombining binding protein suppressor of hairless antibody Renal carcinoma antigen NY-REN-30 antibody SUH antibody SUH_HUMAN antibody
Accession No.	Swiss-Prot#:Q06330
Uniprot	Q06330
GeneID	3516;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	55 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Recombination signal binding protein Jκ (RBP-Jκ), also designated KBF2 or CBF1, is the mammalian homolog of the Drosophila suppressor of hairless (Su(H)), a protein involved in the development of the peripheral nervous system. RBP-Jκ is ubiquitously expressed in mammalian tissues and is involved in the regulation of gene expression. RBP-Jκ has been shown to directly interact with the intercellular domain of the cell surface receptor Notch 1. Proteolytically cleaved Notch 1 translocates to the nucleus, where it binds DNA-bound RBP-Jκ and activates transcription of target genes. These genes include NFκB p52 and the Epstein-Barr virus (EBV) protein EBNA-2, both of which contain RBP-Jκ-binding sequences within their promoter regions.

Note: This product is for in vitro research use only