

Cox2 Conjugated Antibody

Catalog No: #C21679



Package Size: #C21679-AF350 100ul #C21679-AF405 100ul #C21679-AF488 100ul
 #C21679-AF555 100ul #C21679-AF594 100ul #C21679-AF647 100ul
 #C21679-AF680 100ul #C21679-AF750 100ul #C21679-Biotin 100ul

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Description

Product Name	Cox2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Cox2 protein.
Immunogen Description	Peptide sequence around aa.596-600(L-L-K-E-R) derived from Human Cox2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	COX-2 ;PHS-2;PGG/HS;PGHS-2;hCox-2
Accession No.	Swiss-Prot#:P35354NCBI Gene ID:5743NCBI mRNA#:NM_000963.2NCBI Protein#:NP_000954.1
Uniprot	P35354
GeneID	5743;
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	74
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

Mediates the formation of prostaglandins from arachidonate. May have a role as a major mediator of inflammation and/or a role for prostanoid signaling in activity-dependent plasticity.

Note: This product is for in vitro research use only