cofilin1/cofilin2 (phospho-Tyr88) Conjugated Antibody

Catalog No: #C11507

Package Size: #C11507-AF350 100ul #C11507-AF405 100ul #C11507-AF488 100ul #C11507-AF555 100ul #C11507-AF594 100ul #C11507-AF647 100ul #C11507-AF680 100ul #C11507-AF750 100ul #C11507-Biotin 100ul

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Description

Product Name	cofilin1/cofilin2 (phospho-Tyr88) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of cofilin1/cofilin2 only when phosphorylated at tyrosine 88.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 88 (A-T-Y(p)-E-T) derived from Human coflin1/cofilin2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CFL1/CFL2
Accession No.	Swiss-Prot#:P23528 Q9Y281NCBI Gene ID:1072 1073NCBI mRNA#:NM_005507.2 NM_021914.7NCBI Protein#: NP _005498.1 NP _068733.1
Uniprot	P23528
GeneID	1072;
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	19
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 phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Background

Controls reversibly actin polymerization and depolymerization in a pH-sensitive manner. It has the ability to bind G- and F-actin in a 1:1 ratio of cofilin to actin. It is the major component of intranuclear and cytoplasmic actin rods.

Note: This product is for in vitro research use only