

BCKD Conjugated Antibody

Catalog No: #C33570



Package Size: #C33570-AF350 100ul #C33570-AF405 100ul #C33570-AF488 100ul
 #C33570-AF555 100ul #C33570-AF594 100ul #C33570-AF647 100ul
 #C33570-AF680 100ul #C33570-AF750 100ul #C33570-Biotin 100ul

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Description

Product Name	BCKD Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total BCKD protein.
Immunogen Description	Synthesized peptide derived from Internal of human BCKD.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase;mitochondrial [Precursor];EC 2.7.11.4;Branched-chain alpha-ketoacid dehydrogenase kinase;BCKDHKIN
Accession No.	Swiss-Prot#:O14874NCBI Gene ID:10295
Uniprot	O14874
GeneID	10295;
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	46
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

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Catalyzes the phosphorylation and inactivation of the branched-chain alpha-ketoacid dehydrogenase complex, the key regulatory enzyme of the valine, leucine and isoleucine catabolic pathways. Key enzyme that regulate the activity state of the BCKD complex By similarity.

Note: This product is for in vitro research use only