

## ABL1/2 (Ab-393/439) Conjugated Antibody

Catalog No: #C21530



Package Size: #C21530-AF350 100ul #C21530-AF405 100ul #C21530-AF488 100ul  
 #C21530-AF555 100ul #C21530-AF594 100ul #C21530-AF647 100ul  
 #C21530-AF680 100ul #C21530-AF750 100ul #C21530-Biotin 100ul

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## Description

Product Name	ABL1/2 (Ab-393/439) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ABL1/2 protein.
Immunogen Description	Peptide sequence around aa.391~395/437~441(D-T-Y-T-A) derived from Human ABL1/2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ABL;v-abl;c-ABL;p150; JTK7
Accession No.	Swiss-Prot#:P00519 /P42684NCBI Gene ID:25/27NCBI mRNA#:NM_005157.3 /NM_001136000.2 NCBI Protein#: NP_005148.2 /NP_001129472.1
Uniprot	P00519
GeneID	25;
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	135 210
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

## Product Description

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

## Background

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Regulates cytoskeleton remodeling during cell differentiation, cell division and cell adhesion. Localizes to dynamic actin structures, and phosphorylates CRK and CRKL, DOK1, and other proteins controlling cytoskeleton dynamics. Regulates DNA repair potentially by activating the proapoptotic pathway when the DNA damage is too severe to be repaired. Phosphorylates PSMA7 that leads to an inhibition of proteasomal activity and cell cycle transition blocks.

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Note: This product is for in vitro research use only