SIRT1(Phospho-T530) Conjugated Antibody

Catalog No: #C13417

Package Size: #C13417-AF350 100ul #C13417-AF405 100ul #C13417-AF488 100ul #C13417-AF555 100ul #C13417-AF594 100ul #C13417-AF647 100ul #C13417-AF680 100ul #C13417-AF750 100ul #C13417-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SIRT1(Phospho-T530) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C/EBP homologous protein antibody C/EBP Homology Protein antibody C/EBP zeta antibody C/EBP-homologous protein 10 antibody C/EBP-homologous protein antibody CCAAT/enhancer binding protein homologous protein antibody CEBPZ antibody CHOP 10 antibody CHOP antibody CHOP-10 antibody CHOP10 antibody DDIT 3 antibody DDIT-3 antibody Ddit3 antibody DDIT3_HUMAN antibody DNA Damage Inducible Transcript 3 antibody DNA damage-inducible transcript 3 protein antibody GADD 153 antibody GADD153 antibody Growth Arrest and DNA Damage Inducible Protein 153 antibody Growth arrest and DNA damage inducible protein GADD153 antibody Growth arrest and DNA damage-inducible protein GADD153 antibody MGC4154 antibody
Accession No.	Swiss-Prot#:P35638
Uniprot	P35638
GeneID	1649;
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	25
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

GADD 153 has been described as a growth arrest and DNA damage-inducible gene that encodes a C/EBP-related nuclear protein. This protein has also been designated C/EBP-homologous protein (CHOP-10). GADD 153 expression is induced by a variety of cellular stresses, inducing nutrient deprivation and metabolic perturbations. GADD 153 functions to block cells in G1 to S phase in cell cycle progression and acts by dimerizing with other C/EBP proteins to direct GADD 153 dimers away from "classical" C/EBP binding sites, recognizing instead unique "nonclassical" sites. Thus GADD 153 acts as a negative modulator of C/EBP-like proteins in certain terminally differentiated cells, similar to the regulatory function of Id on the activity of Myo D and Myo D-related proteins involved in the development of muscle cells.

Note: This product is for in vitro research use only