Immunotag™ Phospho-Caspase 9 (Thr125) Antibody

Antibody Specification

Catalog No.	ITA1117
Product Description	Immunotag™ Phospho-Caspase 9 (Thr125) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-Caspase 9 (Thr125)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Caspase 9 around the phosphorylation site of Threonine 125
Specificity	Phospho-Caspase 9 (Thr125) Antibody detects endogenous levels of Caspase 9 only when phosphorylated at Threonine 125
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	CASP9
Accession No.	P55211

Antibody Specification

Alternate Names	APAF-3; APAF3; Apoptosis related cysteine peptidase; Apoptotic protease Mch-6; Apoptotic protease-activating factor 3; CASP-9; CASP9; CASP9_HUMAN; Caspase 9 apoptosis related cysteine peptidase; Caspase 9 Dominant Negative; Caspase 9c; Caspase-9; Caspase-9 subunit p10; ICE LAP6; ICE like apoptotic protease 6; ICE-LAP6; ICE-like apoptotic protease 6; MCH6; PPP1R56; protein phosphatase 1, regulatory subunit 56; RNCASP9;
Description	Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	47kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.