

Immunotag™ Phospho-HDAC5 (Ser259) Antibody

Antibody Specification	
Catalog No.	ITA1259
Product Description	Immunotag™ Phospho-HDAC5 (Ser259) 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-HDAC5 (Ser259)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human HDAC5 around the phosphorylation site of Serine 259
Specificity	Phospho-HDAC5 (Ser259) Antibody detects endogenous levels of HDAC5 only when phosphorylated at Serine 259
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	HDAC5
Accession No.	Q9UQL6
Alternate Names	Antigen NY CO 9; Antigen NY-CO-9; HD5; HDAC 5; HDAC5; HDAC5_HUMAN; Histone deacetylase 5; NY CO 9;

Antibody Specification

Description	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Involved in muscle maturation by repressing transcription of myocyte enhancer MEF2C. During muscle differentiation, it shuttles into the cytoplasm, allowing the expression of myocyte enhancer factors. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	124kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.