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30-2527: Anti-HDAC6 Antibody (Clone : 236)

Clonality :	Monoclonal
Clone Name :	236
Application :	IP
Reactivity :	Human
Gene :	HDAC6
Gene ID :	10013
Format :	Purified
Alternative Name :	Histone deacetylase 6,histone deacetylase 6
Isotype :	Mouse IgG2b kappa
Immunogen Information :	human HDAC6

Description

Histone deacetylase 6 (HDAC6), like other histone deacetylases, affects gene expression by regulation of chromatin remodeling. HDAC6 contains an internal duplication of two catalytic domains which appear to function independently of each other. Besides histones, HDAC6 deacetylates also other substrates including alpha tubulin and HSP90 alpha, and is involved in protein trafficking and degradation, as well as in affecting of cell shape and migration. Deregulation of HDAC6 expression and activity is associated with many diseases.
Specificity : The mouse monoclonal antibody 236 recognizes D1 domain of human histone deacetylase 6 (HDAC6; intracellular antigen), amino acids 71-91. Crossreactivity with other species was not tested.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Western blotting: Recommended dilution: 1-5 µg/ml.
Immunocytochemistry: Recommended dilution: 5-10 µg/ml.
Flow cytometry: Recommended dilution: 0.5-4 µg/ml. Intracellular staining.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.