

### 30-2523: Anti-HDAC6 Antibody (Clone : 2H3)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	2H3
<b>Application :</b>	ICC, ELISA
<b>Reactivity :</b>	Human
<b>Gene :</b>	HDAC6
<b>Gene ID :</b>	10013
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Histone deacetylase 6, histone deacetylase 6
<b>Isotype :</b>	Mouse IgG1 kappa
<b>Immunogen Information :</b>	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 2H3 recognizes D1 domain of human histone deacetylase 6 (HDAC6; intracellular antigen), amino acids 281-291. Crossreactivity with other species was not tested.

#### Product Info

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