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30-2525: Anti-HDAC6 Antibody (Clone : 159)

Clonality :	Monoclonal
Clone Name :	159
Application :	WB, ICC, ELISA, FACS
Reactivity :	Human
Gene :	HDAC6
Gene ID :	10013
Format :	Purified
Alternative Name :	Histone deacetylase 6,histone deacetylase 6
Isotype :	Mouse IgG1 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 159 recognizes SE domain of human histone deacetylase 6 (HDAC6; an intracellular antigen), amino acids 971-981. 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

Flow cytometry: Recommended dilution: 1-4 Ã‚µg/ml

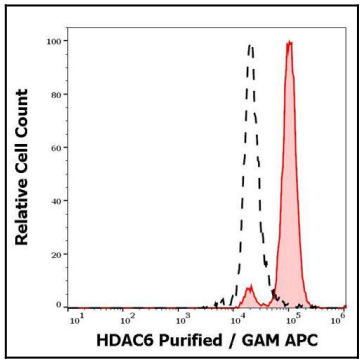


Figure 1 : Separation of K562 cells stained using anti-HDAC6 (159) purified antibody (concentration in sample 4,0 µg/ml, GAM APC, red-filled) from K562 cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (intracellular staining).

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