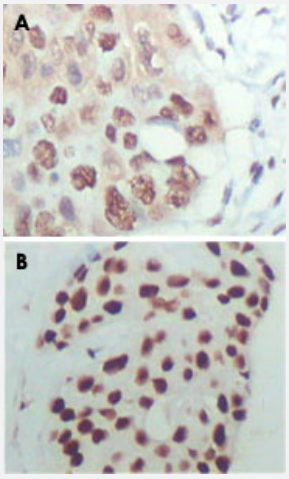
HDAC3 monoclonal antibody, clone 3A7B5

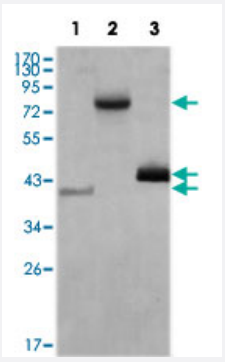
Catalog # MAB10374 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human esophagus cancer (A) and breast carcinoma tissue (B), showing nuclear localization. using HDAC3 monoclonal antibody, clone 3A7B5 (Cat # MAB10374) with DAB staining.



Western Blot

Western blot analysis using HDAC3 monoclonal antibody, clone 3A7B5 (Cat # MAB10374) against truncated Trx-HDAC3 recombinant protein (1), full length HDAC3-hIgGFc (aa1-428) transfected CHO-K1 cell lysate (2) and HeLa cell lysate (3).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant HDAC3.
Immunogen	Recombinant protein corresponding to amino acids 224-428 of human HDAC3.
Host	Mouse
Theoretical MW (kDa)	48.8
Reactivity	Human

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Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human esophagus cancer (A) and breast carcinoma tissue (B), showing nuclear localization. using HDAC3 monoclonal antibody, clone 3A7B5 (Cat # MAB10374) with DAB staining.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western blot analysis using HDAC3 monoclonal antibody, clone 3A7B5 (Cat # MAB10374) against truncated Trx-HDAC3 recombinant protein (1), full length HDAC3-hIgGFc (aa1-428) transfected CHO-K1 cell lysate (2) and HeLa cell lysate (3).

Gene Info — HDAC3

Entrez GeneID	8841
Gene Name	HDAC3
Gene Alias	HD3, RPD3, RPD3-2
Gene Description	histone deacetylase 3
Omim ID	605166
Gene Ontology	Hyperlink

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Other Designations	-

Disease

- Asthma
- Genetic Predisposition to Disease
- Schizophrenia

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