

**KAT7 monoclonal antibody**

Catalog: MB12090

Host: Rabbit

Reactivity: Human

**BackGround:**

Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription. Specifically represses AR-mediated transcription.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 71 kDa; Observed MW: 71 kDa

**Swiss-Prot:**

O95251

**Purification&Purity:**

Affinity Purified

**Applications:**

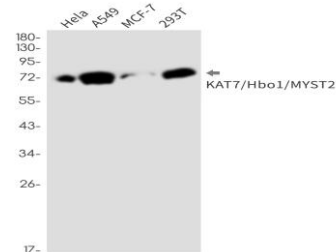
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20

**Storage&Stability:**

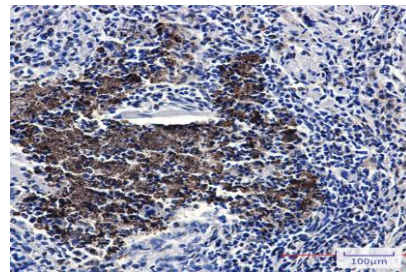
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Immunocytochemistry analysis of KAT7 in HCT116 using KAT7 antibody, and DAPI.



Western blot analysis of KAT7/Hbo1/MYST2 in HeLa, A549, MCF-7, 293T lysates using KAT7/Hbo1/MYST2 antibody.

Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using KAT7/Hbo1/MYST2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note:**

For research use only, not for use in diagnostic procedure.

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