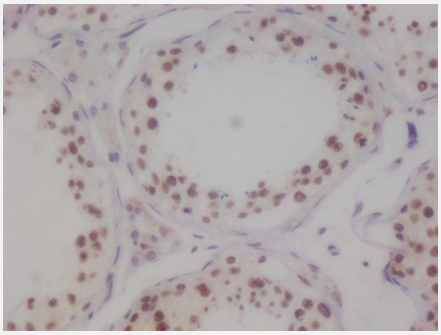
RecomAb™

KAT8 recombinant monoclonal antibody, clone 7E11

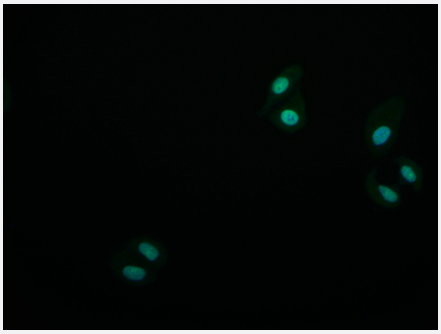
Catalog # RAB07628 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of KAT8 recombinant monoclonal antibody, clone 7E11 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system.



Immunofluorescence

Immunofluorescence staining of HepG2 Cells with KAT8 recombinant monoclonal antibody, clone 7E11 at 1:50, counter-stained with DAPI.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KAT8.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human KAT8.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification

Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry(1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°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

  Immunohistochemistry image of KAT8 recombinant monoclonal antibody, clone 7E11 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system.

- Immunofluorescence

  Immunofluorescence staining of HepG2 Cells with KAT8 recombinant monoclonal antibody, clone 7E11 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MYST1

Entrez GeneID	84148
Protein Accession#	Q9H7Z6
Gene Name	MYST1
Gene Alias	FLJ14040, KAT8, MOF, hMOF
Gene Description	MYST histone acetyltransferase 1
Omim ID	609912
Gene Ontology	Hyperlink

Gene Summary	The MYST family of histone acetyltransferases, which includes MYST1, is named for the founding members MOZ (MYST3; MIM 601408), yeast YBF2 and SAS2, and TIP60 (HTATIP; MIM 601409) . All members of this family contain a MYST region of about 240 amino acids with a canonical ace tyl-CoA-binding site and a C2HC-type zinc finger motif. Most MYST proteins also have a chromod omain involved in protein-protein interactions and targeting transcriptional regulators to chromatin (Neal et al., 2000 [PubMed 10786633]).[supplied by OMIM
Other Designations	histone acetyltransferase MYST1|ortholog of Drosophila males absent on the first (MOF)

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema