

RecomAb™

# KAT8 recombinant monoclonal antibody, clone R09-6S5

Catalog # RAB05209      Size 100 uL

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KAT8.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human KAT8
Theoretical MW (kDa)	Calculated MW: 52 kD
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Flow cytometry (1/50-1/100) Immunofluorescence (1/50-1/200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1/50-1/100) Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% 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 should be handled by trained staff only.

## Applications

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

- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

## Gene Info — MYST1

**Entrez GeneID** [84148](#)

**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 acetyl-CoA-binding site and a C2HC-type zinc finger motif. Most MYST proteins also have a chromodomain 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](#)