

RecomAb™

# SMARCC1 recombinant monoclonal antibody, clone R03-8Z1

Catalog # RAB05249      Size 100 uL

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SMARCC1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human SMARCC1
Theoretical MW (kDa)	Calculated MW: 123 k
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow cytometry (1/50-1/100) Immunofluorescence (1/50-1/200) Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM 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

- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

## Gene Info — SMARCC1

**Entrez GeneID** [6599](#)

**Gene Name** SMARCC1

**Gene Alias** BAF155, CRACC1, Rsc8, SRG3, SWI3

**Gene Description** SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1

**Omim ID** [601732](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the SWI/SNF family of proteins, whose members display helicase and ATPase activities and which are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI and contains a predicted leucine zipper motif typical of many transcription factors. [provided by RefSeq]

**Other Designations** SWI/SNF complex 155 kDa subunit|SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c1|chromatin remodeling complex BAF155 subunit|mammalian chromatin remodeling complex BRG1-associated factor 155

## Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)