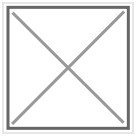
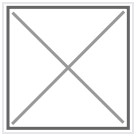
BAF57 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	BAF57, Monoclonal Antibody
Full Product Name	BAF57 (SWI/SNF-related Matrix-associated Actin-dependent Regulator of Chromatin Subfamily E Member 1, BRG1-associated Factor 57, SMARCE1) (AP)
Product Gene Name	anti-BAF57 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	6G11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human SMARCE1.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	34,390 Da
OMIM	603111
3D Structure	ModBase 3D Structure for Q969G3
Immunogen	Partial recombinant protein corresponding to aa75-142 from human SMARCE1 (NM_003079, NP_003070) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RYSRKVWDQVKASNPDLKLWEIGKIIGGMWRDLTDEEKQEYLNEYEAEKIEYNESMKAYHNSPAYLAY
Conjugate	AP
Product Categories/Family for anti-BAF57 antibody	Antibodies; Actin
Applications Tested/Suitable for anti-BAF57 antibody	ELISA (EIA), Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-BAF57 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-BAF57 antibody	SMARCE1/BAF57 protein is part of the large ATP-dependent chromatin remodeling complex SWI/SNF, which is required for transcriptional activation of genes normally repressed by chromatin. SMARCE1/BAF57 can bind to 4-way junction DNA (which is thought to mimic the topology of DNA as it enters or exits the nucleosome), either alone or when in the SWI/SNF complex.
Other Notes	Small volumes of anti-BAF57 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BAF57 purchase	MBS6130171 is an antibody targeting BAF57. Also known as BAF57 (SWI/SNF-related Matrix-associated Actin-dependent Regulator of Chromatin Subfamily E Member 1, BRG1-associated Factor 57, SMARCE1) (AP). Reactive in Human. Host: Mouse.



Western Blot (WB) of anti-BAF57 antibody
Western Blot detection against Immunogen (33.59kD) usingMB654.



Immunoprecipitation (IP) of anti-BAF57 antibody
Immunoprecipitation of SMARCE1 transfected lysate using MB654 and Protein A Magnetic Bead and immunoblotted with SMARCE1 rabbit polyclonal antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BAF57. It may not necessarily be applicable to this product.

NCBI GI #	21264355
NCBI GeneID	6605
NCBI Accession #	NP_003070
UniProt Primary Accession #	Q969G3
UniProt Secondary Accession #	O43539; B3KMC1; B4DFR4; C0IMW4; C0IMW5; C0IMW7; H7C3F6
UniProt Related Accession #	Q969G3
GenBank Nucleotide #	NM_003079
NCBI Official Full Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1
NCBI Official Symbol	SMARCE1
NCBI Official Synonym Symbols	BAF57
UniProt Protein Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1
UniProt Synonym Protein Names	BRG1-associated factor 57
Protein Family	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily
UniProt Gene Name	SMARCE1
UniProt Synonym Gene Names	BAF57; BAF57
UniProt Entry Name	SMCE1_HUMAN
NCBI Protein Information	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1; BRG1-associated factor 57; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin e1; chromatin remodeling complex BRG1-associated factor 57
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