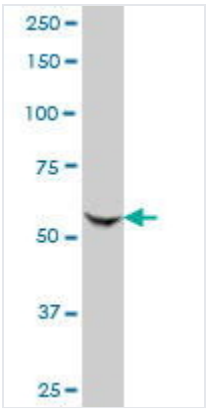
GCN5L2 Antibody – Mouse Monoclonal

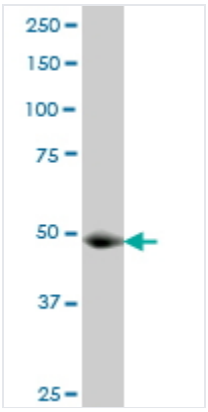
PRODUCT OVERVIEW

Product Name	GCN5L2, Monoclonal Antibody
Full Product Name	GCN5L2 (K(Lysine) Acetyltransferase 2A, GCN5, GCN5L2, MGC102791, PCAF-b, hGCN5) (APC)
Product Gene Name	anti-GCN5L2 antibody
Product Synonym Names	K(Lysine) Acetyltransferase 2A; GCN5; GCN5L2; MGC102791; PCAF-b; hGCN5
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3F8
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified
Specificity	Recognizes GCN5L2.
Preparation and Storage	Store product at 4 degree C in the dark. 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. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	GCN5L2 (AAH32743, 738aa-837aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KNLLAQIKSHPSAWPFMEPVKKSEAPDYYEVIRFPIDLKTMTERLRSRYYVTRKLFVADLQRVIANCREYNPPDSEYCRCASALEKFFYFKLKEGGLIDK
Conjugate	APC
Product Categories/Family for anti-GCN5L2 antibody	Antibodies; Enzymes; Acetyltransferase
Applications Tested/Suitable for anti-GCN5L2 antibody	ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-GCN5L2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-GCN5L2 antibody	KAT2A, or GCN5, is a histone acetyltransferase (HAT) that functions primarily as a transcriptional activator. It also functions as a repressor of NF-kappa-B (see MIM 164011) by promoting ubiquitination of the NF-kappa-B subunit RELA (MIM 164014) in a HAT-independent manner (Mao et al., 2009 [PubMed 19339690]). [supplied by OMIM]
Other Notes	Small volumes of anti-GCN5L2 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.

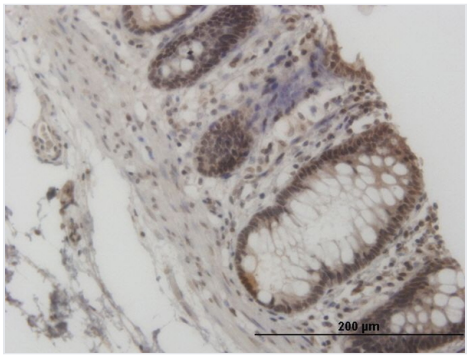
Searchable Terms for GCN5L2 purchase	MBS6168077 is an antibody targeting GCN5L2. Also known as GCN5L2 (K(Lysine) Acetyltransferase 2A, GCN5, GCN5L2, MGC102791, PCAF-b, hGCN5) (APC). Host: Mouse.



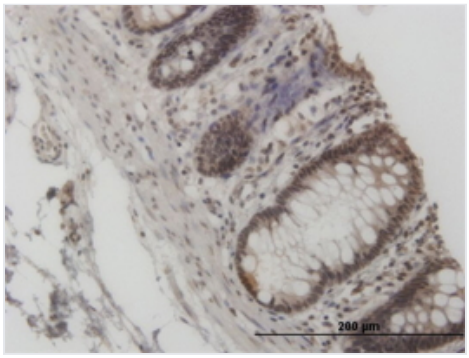
Western Blot (WB) of anti-GCN5L2 antibody
GCN5L2 monoclonal antibody (M06), clone 3F8. Western Blot analysis of GCN5L2 expression in RIN-m5F.



Western Blot (WB) of anti-GCN5L2 antibody
GCN5L2 monoclonal antibody (M06), clone 3F8. Western Blot analysis of GCN5L2 expression in human lung cancer.



Immunohistochemistry (IHC) of anti-GCN5L2 antibody
Immunoperoxidase of monoclonal antibody to GCN5L2 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Immunohistochemistry (IHC) of anti-GCN5L2 antibody
Immunoperoxidase of monoclonal antibody to GCN5L2 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GCN5L2. It may not necessarily be applicable to this product.

NCBI GI #	21618600
NCBI GeneID	2648
NCBI Accession #	AAH32743
UniProt Related Accession #	Q92830
NCBI Official Full Name	K(lysine) acetyltransferase 2A
NCBI Official Synonym Full Names	lysine acetyltransferase 2A
NCBI Official Symbol	KAT2A
NCBI Official Synonym Symbols	GCN5; hGCN5; GCN5L2; PCAF-b
NCBI Protein Information	histone acetyltransferase KAT2A
Research Articles on GCN5L2	**1.** These results revealed a novel mechanism of E7 function whereby elevated GCN5 acetylates histones and c-Myc to regulate E2F1 expression and cell cycle progression.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-antibody/gcn5l2/6168077