

ALYREF monoclonal antibody, clone 11G5

Catalog # MAB2468 Size 100 uL

Specification

Product Description	Mouse monoclonal antibody raised against recombinant ALYREF.
Immunogen	Recombinant protein corresponding to human ALYREF.
Host	Mouse
Theoretical MW (kDa)	32
Reactivity	Clawed frog, Human
Specificity	Detects a band of approximately 32 KDa.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% 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
- Immunofluorescence
- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ALYREF

Entrez GeneID	10189
Gene Name	ALYREF
Gene Alias	ALY, ALY/REF, BEF, REF, THOC4
Gene Description	Aly/REF export factor
Omim ID	604171
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a heat stable, nuclear protein and functions as a molecular chaperone. It is thought to regulate dimerization, DNA binding, and transcriptional activity of basic region-leucine zipper (bZIP) proteins. [provided by RefSeq]
Other Designations	THO complex 4; THO complex subunit 4; ally of AML-1 and LEF-1; bZIP enhancing factor; bZIP-enhancing factor BEF; tho4; transcriptional coactivator Aly/REF

Publication Reference

- [ATP-dependent recruitment of export factor Aly/REF onto intronless mRNAs by RNA helicase UAP56.](#)
 Taniguchi I, Ohno M.
 Molecular and Cellular Biology 2008 Jan; 28(2):601.
 Application: IP, Frog, Frog RNA
- [The Y14 protein communicates to the cytoplasm the position of exon-exon junctions.](#)
 Kim VN, Yong J, Kataoka N, Abel L, Diem MD, Dreyfuss G.
 The EMBO Journal 2001 Apr; 20(8):2062.
 Application: IP-WB, WB-Ce, Human, Xenopus, HeLa cells, Oocytes