





# Golgin 45 Monoclonal Antibody

Catalog No	YP-mAb-00699
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	BLZF1
Protein Name	Golgin-45
Immunogen	The antiserum was produced against synthesized peptide derived from human BLZF1. AA range:10-59
Specificity	Golgin 45 Monoclonal Antibody detects endogenous levels of Golgin 45 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BLZF1; JEM1; Golgin-45; Basic leucine zipper nuclear factor 1; JEM-1; p45 basic leucine-zipper nuclear factor
Observed Band	47kD
Cell Pathway	Golgi apparatus membrane .; [Isoform 1]: Nucleus . Detected in the nucleus upon heterologous expression. Not detected in the cytoplasm; [Isoform 2]: Cytoplasm . Not detected in the nucleus
Tissue Specificity	Detected in adrenal gland (PubMed:9129147).
Function	caution:Because of the presence of a potential basic motif and leucine-zipper domain, PubMed:9129147 and PubMed:11056056 have thought that BLZF1 is a potential transcription factor. They found it localized in the nucleus, except isoform 2, which was cytoplasmic. However, homology at several typical position for basic or hydrophobic residues is missing.,function:Required for normal Golgi structure and for protein transport from the endoplasmic reticulum (ER) through the Golgi apparatus to the cell surface.,induction:Up-regulated by retinoids.,subunit:Interacts with GORASP2 and with the GTP-bound form of RAB2, but not with other Golgi Rab proteins. GORASP2 and BLZF1 form a RAB2 effector complex on medial Golgi.,tissue specificity:Ubiquitous. Also found in cell lines derived from several hematopoietic pathologies, such as T-cell leukemia, pro-B, pre-B, myeloma, and plasmacytoma cell lines,



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(e) Website: www.upingBio.com

## **Background**

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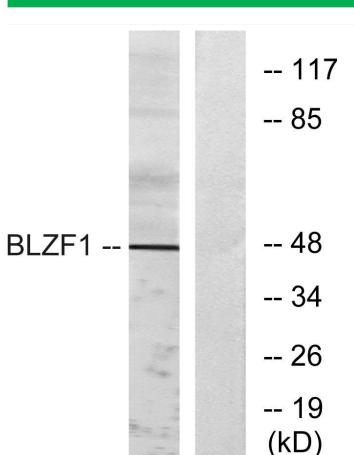
#### matters needing attention

Avoid repeated freezing and thawing!

## **Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

# **Products Images**



Western Blot analysis of various cells using Golgin 45 Monoclonal Antibody