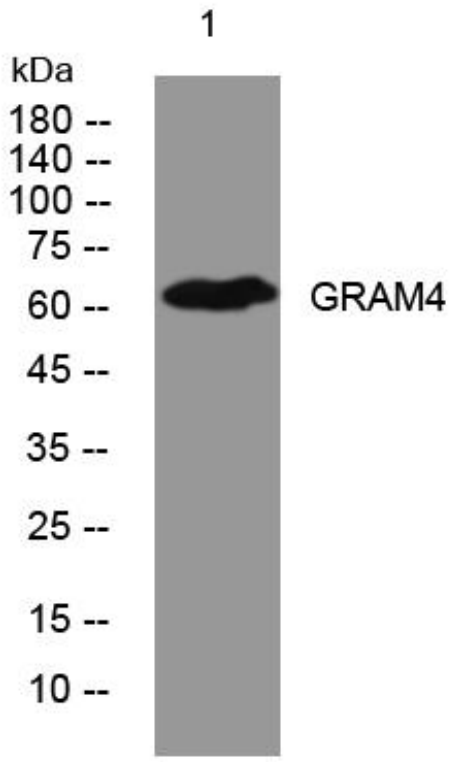
GRAM4 mouse mAb

Catalog No	BYmab-08576
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	GRAMD4 DIP KIAA0767
Protein Name	GRAM4
Immunogen	Synthesized peptide derived from human GRAM4 AA range: 304-354
Specificity	This antibody detects endogenous levels of GRAM4 at Human/Mouse
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Mitochondrion membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Colocalizes with COX4I1. .
Tissue Specificity	Expressed in lung and in primary lung squamous cell carcinoma (LSCC).
Function	domain:The leucine-zipper is involved in homodimerization.,function:Plays a role as a mediator of e2f1-induced apoptosis in the absence of tp53/p53.,function:Protects T-cells from IL2 deprivation-induced apoptosis through the inhibition of FOXO3A transcriptional activity that leads to the down-regulation of the pro-apoptotic factor BCL2L11. In macrophages, plays a role in the anti-inflammatory and immunosuppressive effects of glucocorticoids and IL10. In T-cells, inhibits anti-CD3-induced NFKB1 nuclear translocation. In vitro, suppresses AP1 and NFKB1 DNA-binding activities.,induction:By glucocorticoids in lymphoid cells and upon IL4, IL10, IL13 or glucocorticoid treatment in monocyte/macrophage cells. Transiently induced by IL2 deprivation in T-cells.,induction:Up-regulated in the mitochondria by E2F1 after addition of 4-hydroxytamoxifen (at protein level).,similarity:Belongs to the TSC

Background	GRAMD4 is a mitochondrial effector of E2F1 (MIM 189971)-induced apoptosis (Stanelle et al., 2005 [PubMed 15565177]).[supplied by OMIM, Jan 2011],
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 GRAM4 mouse mAb