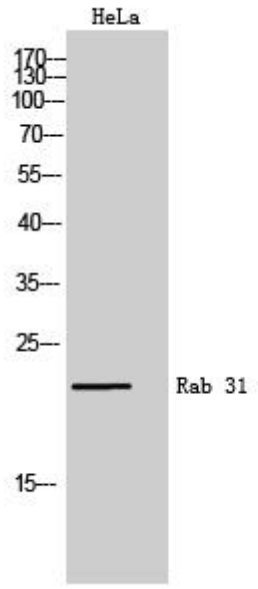
Rab 31 Monoclonal Antibody

Catalog No	BYmab-16196
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RAB31
Protein Name	Ras-related protein Rab-31
Immunogen	Synthesized peptide derived from Rab 31 . at AA range: 50-130
Specificity	Rab 31 Monoclonal Antibody detects endogenous levels of Rab 31 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RAB31; RAB22B; Ras-related protein Rab-31; Ras-related protein Rab-22B
Observed Band	21kD
Cell Pathway	Golgi apparatus, trans-Golgi network . Golgi apparatus, trans-Golgi network membrane ; Lipid-anchor ; Cytoplasmic side . Early endosome . Cytoplasmic vesicle, phagosome . Cytoplasmic vesicle, phagosome membrane ; Lipid-anchor ; Cytoplasmic side . Rapidly recruited to phagosomes containing S.aureus or M.tuberculosis (PubMed:21255211). .
Tissue Specificity	Highest expression in placenta and brain with lower levels in heart and lung. Not detected in liver, skeletal muscle, kidney or pancreas.
Function	similarity:Belongs to the small GTPase superfamily. Rab family.,tissue specificity:Highest expression in placenta and brain with lower levels in heart and lung. Not detected in liver, skeletal muscle, kidney or pancreas.,
Background	Small GTP-binding proteins of the RAB family, such as RAB31, play essential roles in vesicle and granule targeting (Bao et al., 2002 [PubMed 11784320]).[supplied by OMIM, Jul 2009],

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 Rab 31 Monoclonal Antibody