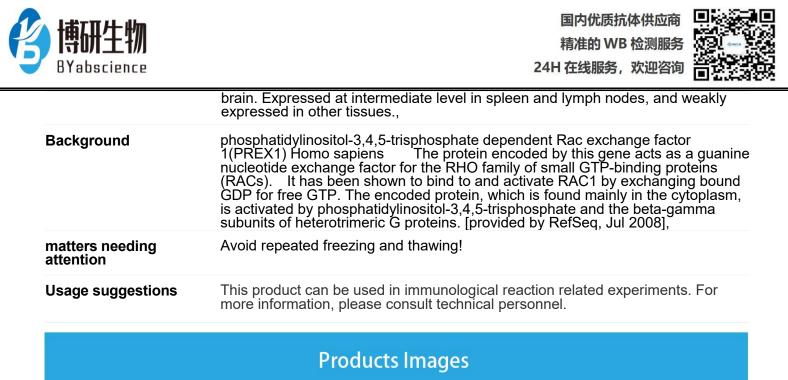




PREX1 Monoclonal Antibody

Catalog No	BYmab-05914
Isotype	lgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	PREX1 KIAA1415
Protein Name	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1) (PtdIns(3,4,5)-dependent Rac exchanger 1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 340-420
Specificity	PREX1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	182kD
Cell Pathway	Cytoplasm, cytosol. Cell membrane. Mainly cytosolic. Some amount is apparently associated to the plasma membrane.
Tissue Specificity	Mainly expressed in peripheral blood leukocytes and brain. Expressed at intermediate level in spleen and lymph nodes, and weakly expressed in other tissues.
Function	function:Functions as a RAC guanine nucleotide exchange factor (GEF), which activates the Rac proteins by exchanging bound GDP for free GTP. Its activity is synergistically activated by phosphatidylinositol-3,4,5-triphosphate and the beta gamma subunits of heterotrimeric G protein. May function downstream of heterotrimeric G proteins in neutrophils.,similarity:Contains 1 DEP domain.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 2 PH domains.,subcellular location:Mainly cytosolic. Some amount is apparently associated to the plasma membrane.,subunit:Interacts preferentially with RAC2 (By similarity). Interacts with RAC1.,tissue specificity:Mainly expressed in peripheral blood leukocytes and

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