



Gab 2 (phospho Tyr643) Monoclonal Antibody

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 GAB2; KIAA0571; GRB2-associated-binding protein 2; GRB2-associated binde 2; Growth factor receptor bound protein 2-associated protein 2; pp100 Observed Band 74kD Cell Pathway Cytoplasm . Cell membrane . Tissue Specificity Brain, Clones donated by Kazusa DNA Research Inst., Function PTM:Dephosphorylated by PTPN11, PTM:Phosphorylated on tyrosine residue(sby the thrombopoletin receptor (TPOR), stem cell factor receptor (SCFR), and		
Reactivity	Catalog No	BYmab-03579
Applications WB Gene Name GAB2 Protein Name GRB2-associated-binding protein 2 Immunogen The antiserum was produced against synthesized peptide derived from human Gab2 around the phosphorylation site of Tyr643. AA range:609-658 Specificity Phosphor-Gab 2 (Y643) Monoclonal Antibody detects endogenous levels of Gab protein only when phosphorylated at Y643. 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 GAB2; KIAA0571; GRB2-associated-binding protein 2; GRB2-associated binde 2; Growth factor receptor bound protein 2-associated protein 2; pp100 Observed Band 74kD Cell Pathway Cytoplasm . Cell membrane . Tissue Specificity Brain, Clones donated by Kazusa DNA Research Inst., Function PTM:Dephosphorylated by PTPN11, PTM:Phosphorylated on tyrosine residue(by the thrombopoietin receptor (TPOR), stem cell factor receptors, similarity, Belongs the GAB family, similarity, Edonas in the GAB family, similarity Contains 1 PH domain, subunit:Interacts with GRB2, Pl-3 kinase and with other SH2-containing protein (GAB) gene family. These proteins contain pleckstrin homelogy (PH) domain, and bind SHP2 tyrosine	Isotype	IgG
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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 GAB2; KIAA0571; GRB2-associated-binding protein 2; GRB2-associated binde 2; Growth factor receptor bound protein 2-associated protein 2; pp100 Observed Band 74kD Cell Pathway Cytoplasm . Cell membrane . Tissue Specificity Brain, Clones donated by Kazusa DNA Research Inst., Function PTM:Dephosphorylated by PTPN11.,PTM:Phosphorylated on tyrosine residue(s) by the thrombopoietin receptor (TPOR), stem cell factor receptor (SCFR), and T-cell and B-cell antigen receptors, gp130, IL-2R and IL-3R, similarity:Belongs the GAB familysimilarity:Contains 1 PH domainsubunit:Interacts with GRB2, Pl-3 kinase and with other SH2-containing proteins. Background GRB2 associated binding protein 2(GAB2) Homo sapiens This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine	Immunogen	
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Tissue Specificity Brain,Clones donated by Kazusa DNA Research Inst., PTM:Dephosphorylated by PTPN11.,PTM:Phosphorylated on tyrosine residue(s by the thrombopoietin receptor (TPOR), stem cell factor receptor (SCFR), and T-cell and B-cell antigen receptors, gp130, IL-2R and IL-3R.,similarity:Belongs to the GAB family.,similarity:Contains 1 PH domain.,subunit:Interacts with GRB2, PI-3 kinase and with other SH2-containing proteins., Background GRB2 associated binding protein 2(GAB2) Homo sapiens This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine	Observed Band	74kD
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member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine	Function	T-cell and B-cell antigen receptors, gp130, IL-2R and IL-3R.,similarity:Belongs to the GAB family.,similarity:Contains 1 PH domain.,subunit:Interacts with GRB2,
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Nanjing BYabscience technology Co.,Ltd

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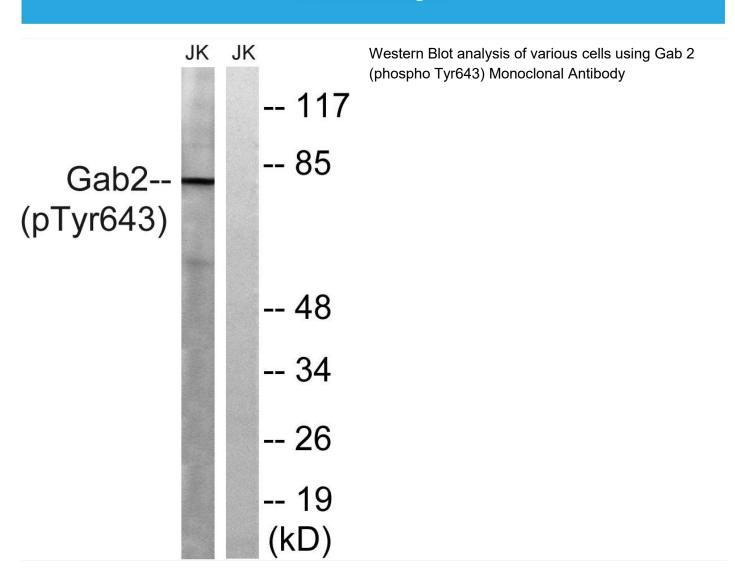


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	various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Nov 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.

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