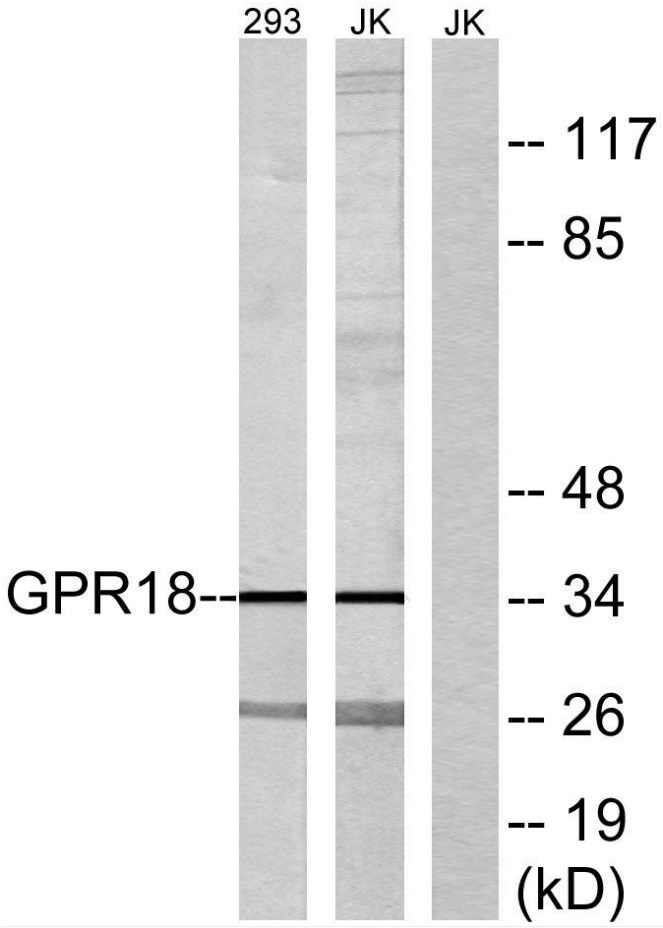
GPR18 Monoclonal Antibody

Catalog No	YP-mAb-13323
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GPR18
Protein Name	N-arachidonyl glycine receptor
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR18. AA range:191-240
Specificity	GPR18 Monoclonal Antibody detects endogenous levels of GPR18 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	GPR18; GPCRW; N-arachidonyl glycine receptor; NAGly receptor; G-protein coupled receptor 18
Observed Band	34kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Cytoplasmic vesicle membrane .
Tissue Specificity	Expressed in midpiece of spermatozoon (at protein level) (PubMed:27572937). Most abundant in testis and spleen (PubMed:16844083). Highly expressed in CD4 and CD8-positive T-cells as well as CD19-positive B-cells (PubMed:16844083).
Function	function:Receptor for N-arachidonyl glycine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. May contribute to regulation of the immune system.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Most abundant in testis and spleen. Highly expressed in CD4 and CD8-positive T-cells as well as CD19-positive B-cells.,
Background	function:Receptor for N-arachidonyl glycine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. May contribute to regulation of the immune system.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Most abundant in testis and spleen. Highly expressed in CD4 and CD8-positive T-cells as well as CD19-positive B-cells.,

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 GPR18 Monoclonal Antibody