



# GPR133 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-13297
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Monkey
<b>Applications</b>	WB
<b>Gene Name</b>	GPR133
<b>Protein Name</b>	Probable G-protein coupled receptor 133
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPR133. AA range:461-510
<b>Specificity</b>	GPR133 Monoclonal Antibody detects endogenous levels of GPR133 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	GPR133; PGR25; Probable G-protein coupled receptor 133; G-protein coupled receptor PGR25
<b>Observed Band</b>	96kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Up-regulated in CD133(+) cell population of glioblastoma.
<b>Function</b>	function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,
<b>Background</b>	The adhesion G-protein-coupled receptors (GPCRs), including GPR133, are membrane-bound proteins with long N termini containing multiple domains. GPCRs, or GPRs, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins (summary by Bjarnadottir et al., 2004 [PubMed 15203201]).[supplied by OMIM, Nov 2010],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	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 GPR133 Monoclonal Antibody

