



GPR10 Monoclonal Antibody

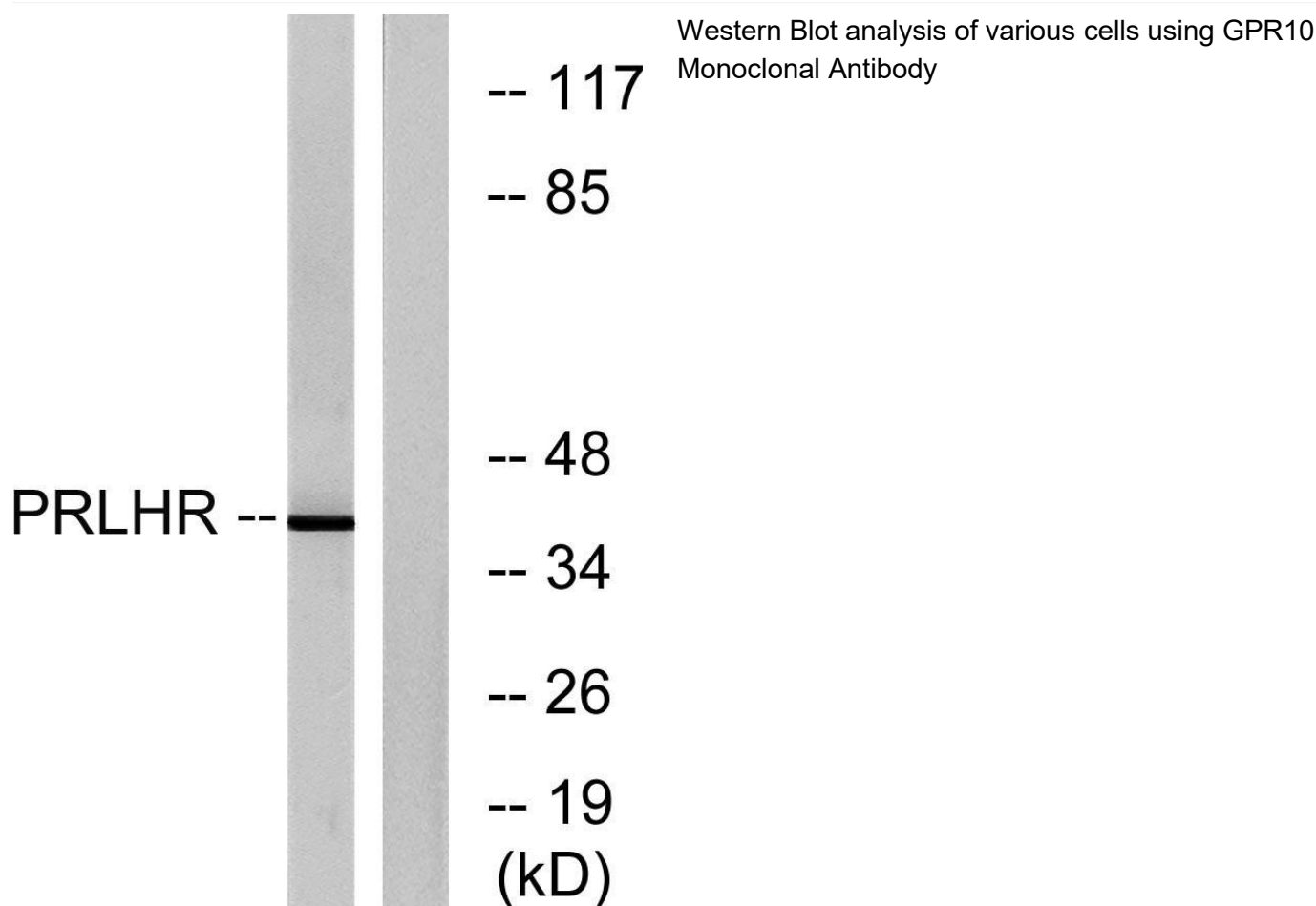
Catalog No	BYmab-13278
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PRLHR
Protein Name	Prolactin-releasing peptide receptor
Immunogen	The antiserum was produced against synthesized peptide derived from human PRLHR. AA range:184-233
Specificity	GPR10 Monoclonal Antibody detects endogenous levels of GPR10 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	PRLHR; GPR10; GR3; Prolactin-releasing peptide receptor; PrRP receptor; PrRPR; G-protein coupled receptor 10; hGR3
Observed Band	41kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Only detected in the pituitary gland and in all cell types of pituitary adenomas.
Function	function:Receptor for prolactin-releasing peptide (PrRP). Implicated in lactation, regulation of food intake and pain-signal processing.,induction:Repressed by bromocriptine, a dopamine agonist.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts through its C-terminal region with the PDZ domain-containing proteins GRIP1, GRIP2 and PICK1. Interacts with PDZ domains 4 and 5 of GRIP1 and with the PDZ domain of PICK1.,tissue specificity:Only detected in the pituitary gland and in all cell types of pituitary adenomas.,

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Background	PRLHR is a 7-transmembrane domain receptor for prolactin-releasing hormone (PRLH; MIM 602663) that is highly expressed in anterior pituitary (Ozawa et al., 2002 [PubMed 11923475]).[supplied by OMIM, Mar 2008],
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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