



# ETL Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-13241
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	ELTD1
<b>Protein Name</b>	EGF latrophilin and seven transmembrane domain-containing protein 1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ELTD1. AA range:251-300
<b>Specificity</b>	ETL Monoclonal Antibody detects endogenous levels of ETL 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>	ELTD1; ETL; EGF; latrophilin and seven transmembrane domain-containing protein 1; EGF-TM7-latrophilin-related protein; ETL protein
<b>Observed Band</b>	77kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Detected in the majority of epithelial cells in tumor and normal tissues. Expressed also in human umbilical vein endothelial cells.
<b>Function</b>	developmental stage:Up-regulated in the adult heart.,domain:The transmembrane domain is not required for cleavage, but it is required for dimer formation.,function:Could be involved in cardiac development.,PTM:Proteolytically cleaved into 2 subunits, an extracellular alpha subunit and a seven-transmembrane subunit.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 2 EGF-like domains.,subunit:Forms a heterodimer, consisting of a large extracellular region (alpha subunit) non-covalently linked to a seven-transmembrane moiety (beta subunit). Forms stable dimer at the cells surface.,tissue specificity:Mainly expressed in smooth muscle.,
<b>Background</b>	developmental stage:Up-regulated in the adult heart.,domain:The transmembrane domain is not required for cleavage, but it is required for dimer formation.,function:Could be involved in cardiac development.,PTM:Proteolytically



cleaved into 2 subunits, an extracellular alpha subunit and a seven-transmembrane subunit.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 2 EGF-like domains.,subunit:Forms a heterodimer, consisting of a large extracellular region (alpha subunit) non-covalently linked to a seven-transmembrane moiety (beta subunit). Forms stable dimer at the cells surface.,tissue specificity:Mainly expressed in smooth muscle.,

**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