

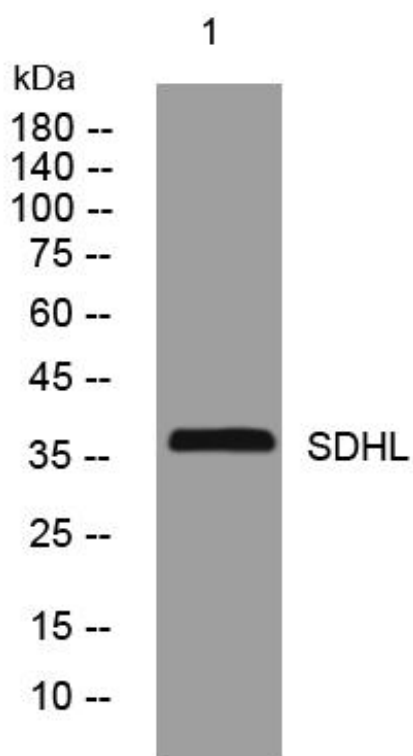


SDHL mouse mAb

Catalog No	YP-mAb-11675
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SDS SDH
Immunogen	Synthesized peptide derived from human SDHL AA range: 207-257
Specificity	This antibody detects endogenous levels of SDHL at Human/Mouse/Rat
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	EC:4.3.1.17;EC:4.3.1.19;L serine deaminase;L threonine dehydratase;L-serine deaminase;SDHL;SDS SDH
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Cytoplasm.
Tissue Specificity	
Function	catalytic activity:L-serine = pyruvate + NH(3).,cofactor:Pyridoxal phosphate., pathway:Carbohydrate biosynthesis; gluconeogenesis.,similarity:Belongs to the serine/threonine dehydratase family.,subunit:Homodimer.,
Background	This gene encodes one of three enzymes that are involved in metabolizing serine and glycine. L-serine dehydratase converts L-serine to pyruvate and ammonia and requires pyridoxal phosphate as a cofactor. The encoded protein can also metabolize threonine to NH4+ and 2-ketobutyrate. The encoded protein is found predominantly in the liver. [provided by RefSeq, Jul 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.

Products Images

Western Blot analysis of various cells using SDHL mouse mAb