

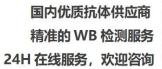


## AL1A3 Monoclonal Antibody

Catalog No	BYmab-05301
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ALDH1A3 ALDH6
Protein Name	Aldehyde dehydrogenase family 1 member A3 (EC 1.2.1.5) (Aldehyde dehydrogenase 6) (Retinaldehyde dehydrogenase 3) (RALDH-3) (RalDH3)
Immunogen	Synthesized peptide derived from human protein . at AA range: 290-370
Specificity	AL1A3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Synonyms Observed Band	56kD
•	56kD Cytoplasm .
Observed Band	
Observed Band Cell Pathway	Cytoplasm .  Expressed at low levels in many tissues and at higher levels in salivary gland,
Observed Band Cell Pathway Tissue Specificity	Cytoplasm.  Expressed at low levels in many tissues and at higher levels in salivary gland, stomach, and kidney.  catalytic activity:An aldehyde + NAD(P)(+) + H(2)O = an acid + NAD(P)H.,function:Recognizes as substrates free retinal and cellular retinol-binding protein-bound retinal. Seems to be the key enzyme in the formation of an RA gradient along the dorso-ventral axis during the early eye development and also in the development of the olfactory system.,pathway:Cofactor metabolism; retinol metabolism.,similarity:Belongs to the aldehyde dehydrogenase family.,tissue specificity:Expressed at low levels in

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	Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014],
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**

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