

# Product Data Sheet

## Anti-MANBA Antibody

Catalog #	Source	Reactivity	Applications
CQA5002	Rabbit	H, M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to MANBA		
<b>Immunogen</b>	Recombinant fusion protein of human MANBA. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of MANBA protein		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	MANBA		
<b>Alternative Names</b>	MANB1; Beta-mannosidase; Lysosomal beta A mannosidase; Mannanase; Mannase		
<b>Entrez Gene</b>	4126 (Human); 110173 (Mouse); 310864 (Rat)		
<b>SwissProt</b>	O00462 (Human); Q8K2I4 (Mouse); Q4FZV0 (Rat)		
<b>Storage/Stability</b>	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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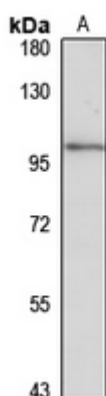
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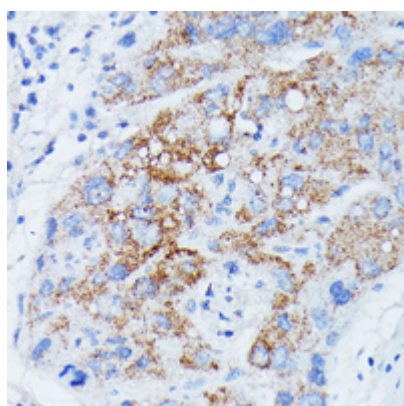
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## Product Data Sheet



Western blot analysis of MANBA expression in mouse testis (A) whole cell lysates. (Predicted band size: 100 kD; Observed band size: 101 kD)



Immunohistochemical analysis of MANBA staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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