

## Anti-Mannose Binding Protein Antibody

Catalog #	Source	Reactivity	Applications
CPA7482	Rabbit	H, M, R, B, Mk	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to Mannose Binding Protein		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Mannose Binding Protein. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of Mannose Binding Protein 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>	MBL2		
<b>Alternative Names</b>	COLEC1; MBL; Mannose-binding protein C; MBP-C; Collectin-1; MBP1; Mannan-binding protein; Mannose-binding lectin		
<b>Entrez Gene</b>	4153 (Human); 17195 (Mouse); 100911854, 64668 (Rat)		
<b>SwissProt</b>	P11226 (Human); P41317 (Mouse); P08661 (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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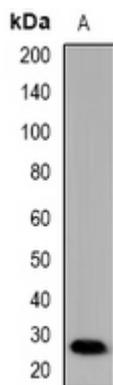
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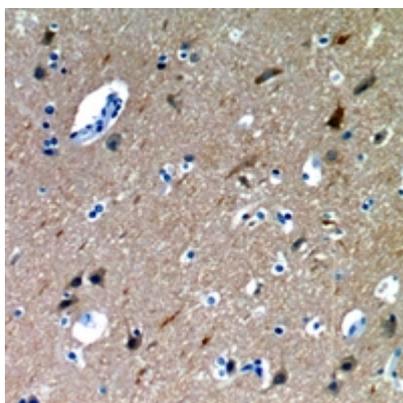
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## Product Data Sheet



Western blot analysis of Mannose Binding Protein expression in mouse kidney (A) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 27 kD)



Immunohistochemical analysis of Mannose Binding Protein staining in human brain 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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