

Product Data Sheet

Anti-Beta1-tubulin Antibody

Catalog #	Source	Reactivity	Applications
CPA9114	Mouse	H, M, R	WB, IH
Description	Mouse monoclonal to Beta1-tubulin		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Beta1-tubulin. The exact sequence is proprietary.		
Purification			
Specificity	Recognizes endogenous levels of Beta1-tubulin protein.		
Clonality	Monoclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/5000 - 1/10000), IH (1/200 - 1/500)		
Gene Symbol	TUBB1		
Alternative Names	Tubulin beta-1 chain		
Entrez Gene	81027 (Human); 545486 (Mouse)		
SwissProt	Q9H4B7 (Human); A2AQ07 (Mouse)		
Storage/Stability	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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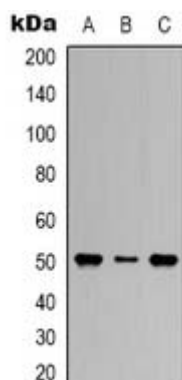
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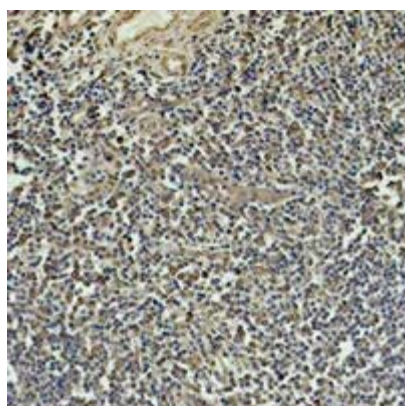
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Western blot analysis of Beta1-tubulin expression in Hela (A), mouse brain (B), rat brain (C) whole cell lysates.



Immunohistochemical analysis of Beta1-tubulin staining in human tonsil 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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