

Recombinant Anti-KIF5B Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4267	Rabbit	H	WB, IH
Description	Recombinant rabbit monoclonal antibody to KIF5B		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human KIF5B. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of KIF5B protein		
Clonality	Monoclonal		
Conjugation			
Form	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/200)		
Gene Symbol	KIF5B		
Alternative Names	KNS; KNS1; Kinesin-1 heavy chain; Conventional kinesin heavy chain; Ubiquitous kinesin heavy chain; UKHC		
Entrez Gene	3799 (Human)		
SwissProt	P33176 (Human)		
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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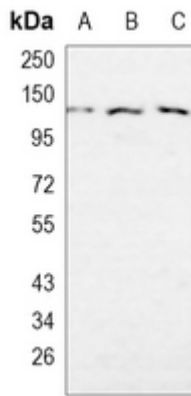
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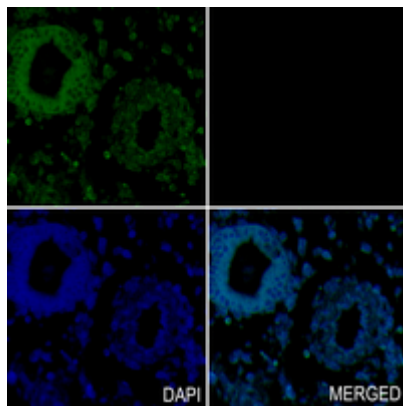
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Product Data Sheet



Western blot analysis of KIF5B expression in HEK293T (A), K562 (B), MCF7 (C) whole cell lysates. (Predicted band size: 109 kD; Observed band size: 120 kD)



Immunohistochemical analysis of KIF5B staining in human ovary 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. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).

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