

32-5736: Mouse Anti Human Cysteine-Rich Angiogenic Inducer 61(Clone:P3H3AT.)

Clonality :	Monoclonal
Clone Name :	P3H3AT.
Application :	ELISA,WB
Gene :	CYR61
Gene ID :	3491
Uniprot ID :	O00622
Format :	Purified
Alternative Name :	CYR61,Protein CYR61,Cysteine-rich angiogenic inducer 61,Insulin-like growth factor-binding protein 10,IGF-binding protein 10,IGFBP-10,IBP-10,Protein GIG1,CCN family member 1,CCN1,GIG1,IGFBP10.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human CYR61 mAb, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human CYR61 amino acids 168-242 purified from E. coli.

Description

CYR61 is a growth factor-inducible, immediate-early gene that has multifaceted activities in various cancers. CYR61 is a secreted, cysteine-rich, heparin-binding protein which is encoded by a growth factor-inducible immediate-early gene. Acting as an extracellular, matrix-associated signaling molecule, CYR61 promotes the adhesion of endothelial cells through interaction with integrin and enhances growth factor-induced DNA synthesis in the same cell type.

Product Info

Amount :	20 µg
Purification :	CYR61 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

CYR61 antibody has been tested by ELISA, Western blot and immunohistochemistry analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot is 1:250~1:1,000 and immunohistochemistry analysis is 1:50~100. Recommended starting dilution for Western blot is 1:250 and Immunohistochemistry is 1:50.