

Product datasheet for **TA399876**

CNN2 Mouse Monoclonal Antibody [Clone ID: 24H5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	24H5
Applications:	IHC, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing mice with Calponin protein.
Specificity:	<p>The antibody is specific for calponin protein. Calponin protein is a thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin and tropomyosin. Further, the interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.</p> <p>The antibody specifically detected Calponin beta protein in Western blot analysis. The antibody 24H5 and the commercial antibody CALP were used to stain uterine fibroids and liver tissue. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 24H5 was higher than the commercial antibody (CN113234155A).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Database Link:	Q99439
Synonyms:	Calponin-2; Calponin H2, smooth muscle; CAP; CGMCNO 20775; Neutral calponin



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