

## Product datasheet for TA327613

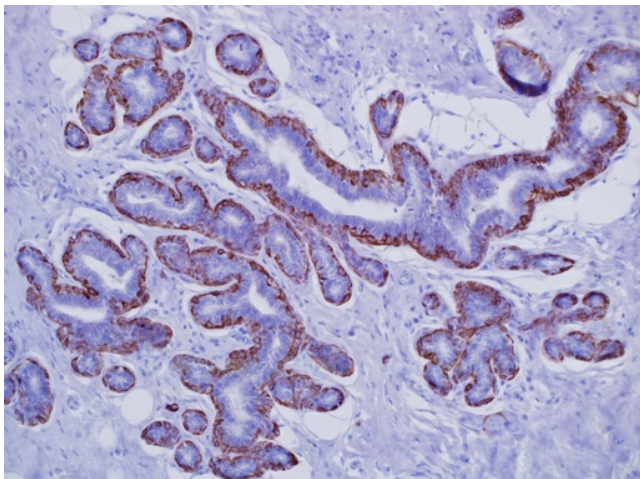
### Calponin (CNN1) Mouse Monoclonal Antibody [Clone ID: CALP]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CALP
Applications:	IHC
Recommend Dilution:	IHC: 1:100 - 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Formulation:	The antibody is diluted in tris buffered saline, pH 7.3-7.7, with 1% BSA and <1% sodium azide.
Purification:	Affinity purification
Gene Name:	calponin 1
Database Link:	<a href="#">NP_001290 Entrez Gene 1264 Human</a>
Synonyms:	HEL-S-14; Sm-Calp; SMCC
Note:	Calponin is a 34 kD polypeptide that interacts with actin, tropomyosin, and calmodulin. It is involved in smooth muscle contraction mechanism and is restricted exclusively to smooth muscle tissue. Anti-calponin has been found to be useful in staining myoepithelium and is therefore useful for differentiating benign sclerosing adenosis of the breast from infiltrating ductal carcinoma. Calponin positivity has also been noted in malignant myoepithelioma and pleomorphic adenoma of salivary gland origin as well as angiomatoid malignant fibrous histiocytoma.



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**Product images:**

Immunohistochemistry staining of Paraffin Appendix tissue by Calponin antibody (dilution: 1:100 - 1:500; visualization of staining: Cytoplasmic)