

## Product datasheet for **CF804793**

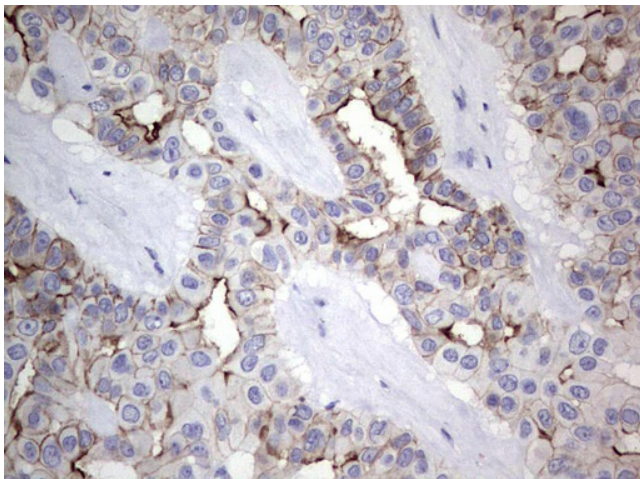
### Calpain 5 (CAPN5) Mouse Monoclonal Antibody [Clone ID: OTI7F2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7F2
Applications:	IHC
Recommended Dilution:	IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 274-578 of human CAPN5 (NP_004046) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	73 kDa
Gene Name:	calpain 5
Database Link:	<a href="#">NP_004046</a> <a href="#">Entrez Gene 12337 Mouse</a> <a href="#">Entrez Gene 171495 Rat</a> <a href="#">Entrez Gene 726 Human</a> <a href="#">Q15484</a>
Synonyms:	ADNIV; HTRA3; nCL-3; VRNI
Protein Families:	Druggable Genome, Protease



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**Product images:**

Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-CAPN5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804793])