

## Product datasheet for **TA355384**

### Protein C (PROC) Mouse Monoclonal Antibody [Clone ID: 10D6]

#### Product data:

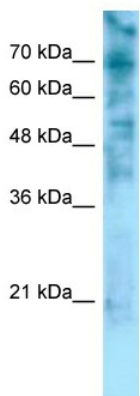
Product Type:	Primary Antibodies
Clone Name:	10D6
Applications:	WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	52
Gene Name:	protein C, inactivator of coagulation factors Va and VIIIa
Database Link:	<a href="#">NP_000303</a> <a href="#">Entrez Gene 5624 Human</a> <a href="#">P04070</a>
Background:	This gene encodes a vitamin K-dependent plasma glycoprotein. The encoded protein is cleaved to its activated form by the thrombin-thrombomodulin complex. This activated form contains a serine protease domain and functions in degradation of the activated forms of coagulation factors V and VIII. Mutations in this gene have been associated with thrombophilia due to protein C deficiency, neonatal purpura fulminans, and recurrent venous thrombosis.
Synonyms:	APC; PC; PROC1
Protein Families:	Druggable Genome, Protease



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Protein Pathways: Complement and coagulation cascades

**Product images:**



Mouse Anti-PROC  
 Monoclonal Antibody  
 Catalog Number: AMM10311A  
 Lot Number: MM0114  
 Clone Number: 10D6  
 Lane: ACHN Cell Lysate

Antibody Titration: 5.0µg/ml  
 Gel Concentration: 12%

WB Suggested Anti-PROC Antibody  
 Titration: 5 ug/ml  
 Positive Control: ACHN Whole Cell