

TMOD1 (E7E3A) XP® Rabbit mAb



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For Research Use Only. Not for Use in Diagnostic Procedures.

	activity: M R Mk	Sensitivity: Endogenous	MW (kDa): 45	Source/Isotype: Rabbit IgG	UniProt ID: #P28289	Entrez-Gene Id: 7111	
Product Usage Information		Application Western Blotting Immunoprecipitation Immunohistochemistry (Paraffin)			1: 1:	Dilution 1:1000 1:50 1:2560	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
Specificity/Sensitivity		TMOD1 (E7E3A) XP [®] Rabbit mAb recognizes endogenous levels of total TMOD1 protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Val106 of human TMOD1 protein.					
Background		important role in mode proteins, which stabilize many proteins have be are the only proteins the triple-negative breast of increased TMOD1 expressi (3). Molecular expressi	ulating actin cytosk ze actin filaments b een identified that hus far identified th cancer cells identifi ression was associa on of TMOD1 was	inserved family of cytosl celeton dynamics. TMOE y inhibiting both elonga cap the rapidly growing nat cap the slowly growi ed TMOD1 as a target of ated with enhanced tum also identified as part of plastic large-cell lympho	D proteins function ation and depolyme barbed end of action gointed end (2). If NF-kB signaling, a prowing a unique gene exp	as actin capping crization (1). While in filaments, TMODs A research study in and showed that use xenograft model pression signature	
Background References		1. Fischer, R.S. and Fowler, V.M. (2003) <i>Trends Cell Biol</i> 13, 593-601. 2. Rao, J.N. et al. (2014) <i>Science</i> 345, 463-7. 3. Ito-Kureha, T. et al. (2015) <i>Cancer Res</i> 75, 62-72. 4. Agnelli, L. et al. (2012) <i>Blood</i> 120, 1274-81.					
Species Reactivity		Species reactivity is de	termined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Key		W: Western Blotting IP: Immunoprecipitation IHC-P: Immunohistochemistry (Paraffin)					
Cross-Reactivity Key		H: Human M: Mouse R: Rat Mk: Monkey					
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