

Product datasheet for **TA383680M**

ADRM1 Rabbit Monoclonal Antibody [Clone ID: R07-2A8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R07-2A8
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB: 1/2000-1/10000 IHC: 1/20 ICC/IF: 1/20-1/100 IP: 1/20
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human ADRM1
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 42 kDa; Observed MW: 42 kDa
Gene Name:	adhesion regulating molecule 1
Database Link:	Entrez Gene 11047 Human Q16186



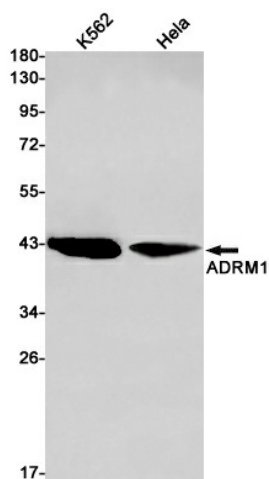
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Background:

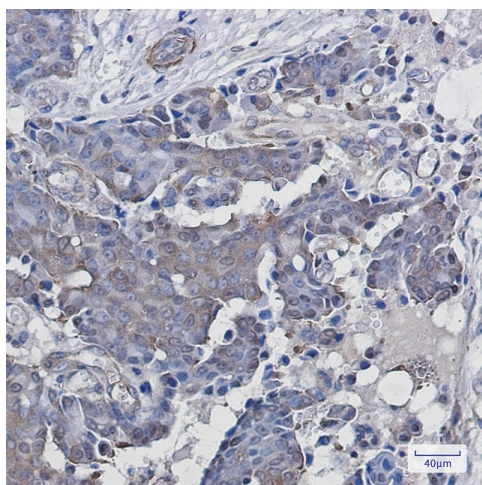
Swiss-Prot Acc.Q16186.Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. Within the complex, functions as a proteasomal ubiquitin receptor. Engages and activates 19S-associated deubiquitinases UCHL5 and PSMD14 during protein degradation. UCHL5 reversibly associate with the 19S regulatory particle whereas PSMD14 is an intrinsic subunit of the proteasome lid subcomplex.

Synonyms:

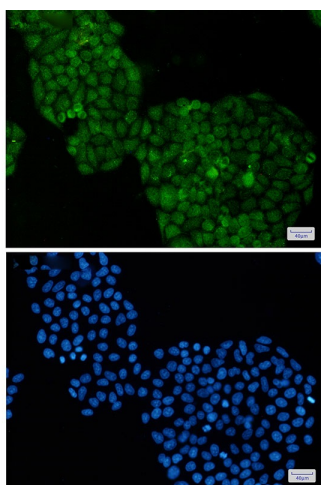
ARM-1; ARM1; GP110; hRpn13; MGC29536; Rpn13

Product images:


Western blot analysis of ADRM1 in K562, HeLa lysates using ADRM1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using ADRM1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of ADRM1(green) in HeLa using ADRM1 antibody, and DAPI(blue)