

Product datasheet for **TA310690**

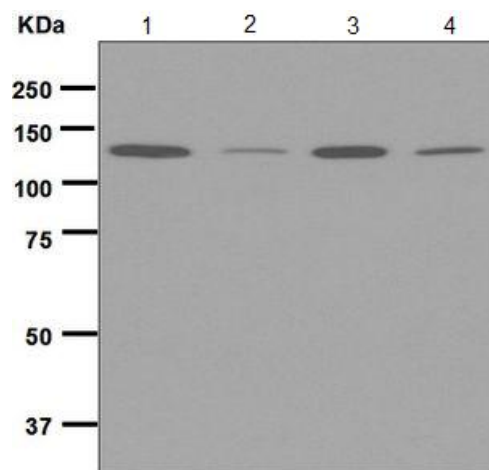
OGA Rabbit Monoclonal Antibody [Clone ID: **EPR7154(B)**]

Product data:

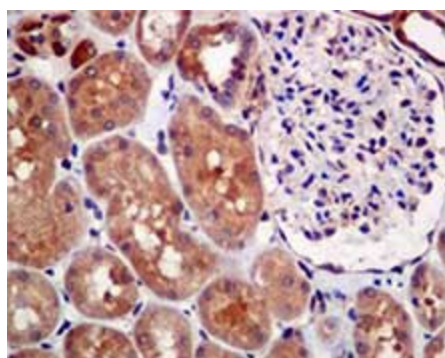
Product Type:	Primary Antibodies
Clone Name:	EPR7154(B)
Applications:	IHC, WB
Recommended Dilution:	WB: 1:10000 - 1:50000; IP: 1:100 - 1:500; IHC-P: 1:100 - 1:250
Reactivity:	Mouse, Human (Does not react with: Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide corresponding to residues in human MGEA5 was used as an immunogen.
Formulation:	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	meningioma expressed antigen 5 (hyaluronidase)
Database Link:	NP_001135906 Entrez Gene 76055 Mouse Entrez Gene 154968 Rat Entrez Gene 10724 Human O60502
Background:	The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT, which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (1). MGEA5 also possesses hyaluronidase activity (2).
Synonyms:	MEA5; NCOAT; OGA
Note:	Is unsuitable for Flow Cyt or ICC.



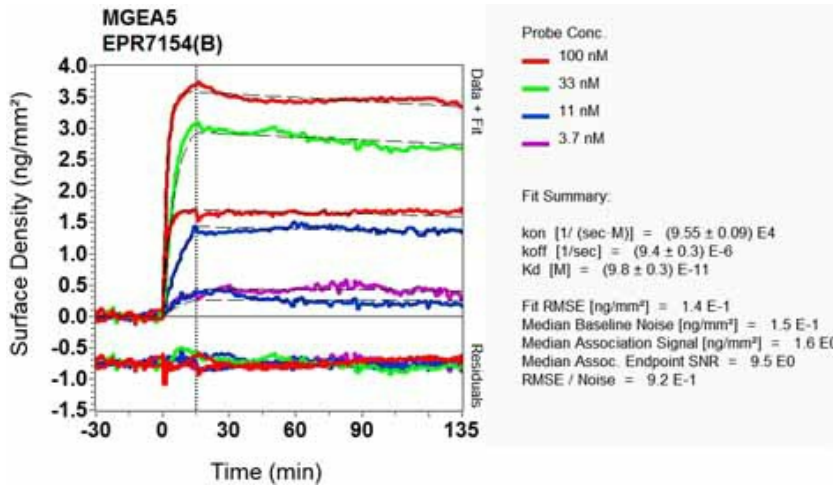
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Product images:

Western blot - Anti-MGEA5 antibody [EPR7154 (B)]; All lanes : Anti-MGEA5 antibody [EPR7154 (B)] at 1/10000 dilution. Lane 1 : HeLa lysate. Lane 2 : BxPC-3 lysate. Lane 3 : JAR lysate. Lane 4 : Fetal brain lysate. Lysates/proteins at 10 ug per lane. Secondary. HRP labelled goat anti-rabbit at 1/2000 dilution. Predicted band size : 102 kDa. Observed band size : 130 kDa.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MGEA5 antibody [EPR7154 (B)]; TA310690, at 1/100 dilution, staining MGEA5 in paraffin-embedded Human kidney tissue by Immunohistochemistry.



Other-Anti-MGEA5 antibody [EPR7154 (B)] (TA310690); Equilibrium dissociation constant (KD).