

Product Datasheet

Kallikrein 4/Prostase/EMSP1 Antibody (2A4) - Azide and BSA Free H00009622-M09

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00009622-M09

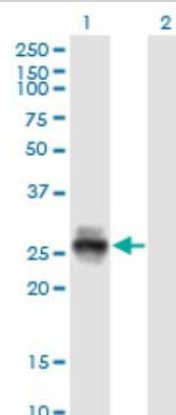
Kallikrein 4/Prostase/EMSP1 Antibody (2A4) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2A4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse Kallikrein 4/Prostase/EMSP1 Antibody (2A4) - Azide and BSA Free (H00009622-M09) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9622
Gene Symbol	KLK4
Species	Human
Specificity/Sensitivity	KLK4 - kallikrein 4 (prostase, enamel matrix, prostate) (2A4)
Immunogen	KLK4 (NP_004908.2, 159 a.a. ~ 254 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GRMPTVLQCVNVSVVSEEVCSKLYDPLYHPSMFCAGGGQDQKDSCNGDSGG PLICNGYLQGLVSFGKAPCGQVGVPGVYTNLCKFTEWIEKTVQAS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

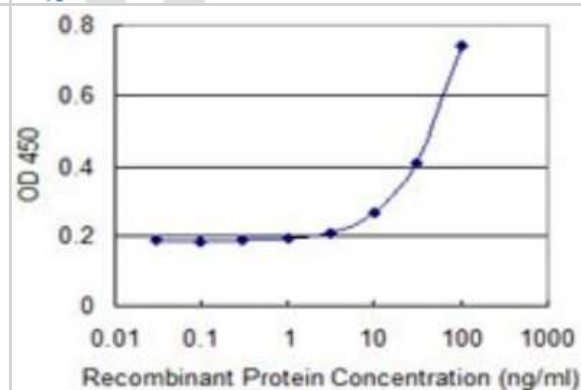


Images

Western Blot: Kallikrein 4/Prostase/EMSP1 Antibody (2A4) [H00009622-M09] - Analysis of KLK4 expression in transfected 293T cell line by KLK4 monoclonal antibody (M09), clone 2A4. Lane 1: KLK4 transfected lysate (Predicted MW: 27 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: Kallikrein 4/Prostase/EMSP1 Antibody (2A4) [H00009622-M09] - Detection limit for recombinant GST tagged KLK4 is 3 ng/ml as a capture antibody.



Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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Products Related to H00009622-M09

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-14171PEP	Kallikrein 4/Prostase/EMSP1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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