

Product Datasheet

Wnt-5a Antibody (3A4) - Azide and BSA Free H00007474-M04

Unit Size: 0.1 mg

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

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H00007474-M04

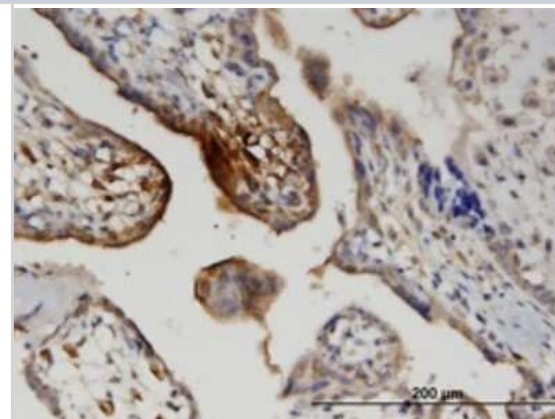
Wnt-5a Antibody (3A4) - Azide and BSA Free

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	3A4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7474
Gene Symbol	WNT5A
Species	Human
Specificity/Sensitivity	Reacts with wingless-type MMTV integration site family, member 5A.
Immunogen	WNT5A (AAH64694, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ERERIHAKGSY SARILMNLHNNEAGRRTVYNLADVACKCHGVSGSCSLKTCW LQLADFRKVG DALKEKYDSAAAMRLNSRGKLVQVNSRFNSPTTQDLV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	This antibody is reactive against recombinant protein in ELISA.

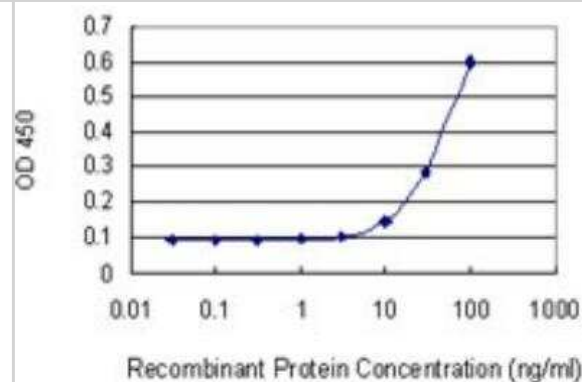


Images

Immunohistochemistry-Paraffin: Wnt-5a Antibody (3A4) [H00007474-M04] - Analysis of monoclonal antibody to WNT5A on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml



ELISA: Wnt-5a Antibody (3A4) [H00007474-M04] - Detection limit for recombinant GST tagged WNT5A is 3 ng/ml as a capture antibody.



Publications

Z Prgomet, T Andersson, P Lindberg Optimization, validation, and identification of two reliable antibodies for immunodetection of WNT5A *Biotech Histochem*, 2017-02-03;0(0):1-13. 2017-02-03 [PMID: 28157427]

CS Thomson, J Pundavela, MR Perrino, RA Coover, K Choi, KE Chaney, TA Rizvi, DA Largaespad, N Ratner WNT5A inhibition alters the malignant peripheral nerve sheath tumor microenvironment and enhances tumor growth *Oncogene*, 2021-06-02;40(24):4229-4241. 2021-06-02 [PMID: 34079083]

Prgomet Z, Andersson T, Lindberg P. Higher expression of WNT5A protein in oral squamous cell carcinoma compared with dysplasia and oral mucosa with a normal appearance. *Eur J Oral Sci* 2017-06-12 [PMID: 28603941]

Thiele S, Gobel A, Rachner TD et al. WNT5A has Anti-Prostate Cancer Effects In Vitro and Reduces Tumor Growth in the Skeleton In Vivo. *J Bone Miner Res*. 2014-09-15 [PMID: 25224731]



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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-24752PEP	Wnt-5a Antibody Blocking Peptide

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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