

Product Datasheet

Cytokeratin 18 Antibody (RGE53) [PE] NBP1-97715PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-97715PE**Cytokeratin 18 Antibody (RGE53) [PE]**

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	RGE53
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	PE
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	3875
Gene Symbol	KRT18
Species	Human, Mouse, Rat, Porcine, Canine, Chicken, Guinea Pig, Hamster, Rabbit, Zebrafish
Reactivity Notes	Use in Guinea Pig reported in scientific literature (PMID:10.1186/s40850-021-00074-w). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Marker	Epithelial Marker
Specificity/Sensitivity	This antibody reacts exclusively with Cytokeratin 18 which is present in glandular epithelial cells of the digestive, respiratory, and urogenital tracts, endocrine and exocrine cells and mesothelial cells, as well as adenocarcinomas originating from them.
Immunogen	Derived by fusion of SP2/0-Ag14 mouse myeloma cells with spleen cells from a BALB/c mouse immunized with a cytoskeletal preparation of HeLa cells.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, CyTOF-ready

Publications

Li Y, Wu Q, Huang L et al. An alternative pathway of enteric PEDV dissemination from nasal cavity to intestinal mucosa in swine. *Nat Commun* 2018-09-19 [PMID: 30232333]

Yuchen Li, Yichao Ma, Yuxin Jin, Xuebin Peng, Xiuyu Wang, Penghao Zhang, Peng Liu, Chun Liang, Qian Yang
Porcine intraepithelial lymphocytes undergo migration and produce an antiviral response following intestinal virus infection *Communications Biology* 2022-03-22 [PMID: 35318455]





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Products Related to NBP1-97715PE

NBP1-97005PE	Mouse IgG1 Isotype Control (MG1) [PE]
NBP1-97715UV	Cytokeratin 18 Antibody (RGE53) [DyLight 350]
H00003875-P01-10ug	Recombinant Human Cytokeratin 18 GST (N-Term) Protein
M6000B-1	IL-6 [HRP]

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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