

# Product Datasheet

## Cytokeratin 18 Antibody (RGE53) [Alexa Fluor® 405] NBP1-97715AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97715AF405**

Cytokeratin 18 Antibody (RGE53) [Alexa Fluor® 405]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RGE53
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor 405
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3875
<b>Gene Symbol</b>	KRT18
<b>Species</b>	Human, Mouse, Rat, Porcine, Canine, Chicken, Guinea Pig, Hamster, Rabbit, Zebrafish
<b>Reactivity Notes</b>	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.
<b>Marker</b>	Epithelial Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	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.

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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen





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### Products Related to NBP1-97715AF405

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NBP1-97005AF405	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 405]
NBP1-97715AF488	Cytokeratin 18 Antibody (RGE53) [Alexa Fluor® 488]
H00003875-P02-10ug	Recombinant Human Cytokeratin 18 GST (N-Term) Protein
M6000B-1	IL-6 [HRP]

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### 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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