

# Product Datasheet

## Cytokeratin 18 Antibody (RGE 53) NBP1-50098

Unit Size: 1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-50098****Cytokeratin 18 Antibody (RGE 53)**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RGE 53
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Tissue culture supernatant
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3875
<b>Gene Symbol</b>	KRT18
<b>Species</b>	Human, Mouse, Rat, Avian, Mammal
<b>Reactivity Notes</b>	Mammal, Avian. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Marker</b>	Epithelial Marker
<b>Specificity/Sensitivity</b>	Keratin RGE 53 specifically recognizes glandular epithelial cells from gastrointestinal tract, respiratory tract and urogenital tract. As well as endocrine and exocrine tissues and mesothelial cells. It is unreactive with stratified squamous epithelia (esophagus, epidermis, ectocervix). In transitional epithelium of the bladder RGE53 only reacts with the superficial (umbrella) cells. RGE53 can distinguish adenocarcinomas and mesotheliomas from squamous cell carcinoma and non-epithelial tumours. The antibody is directed against 45 kD cytokeratin protein (cytokeratin 18). Cross reactivity with; Keratin from most mammals, birds. Immunogen: Hela cells.
<b>Immunogen</b>	Hela cells.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
<b>Application Notes</b>	Frozen sections, Cytological material, flow cytometry and Western Blotting. Working dilutions: 1:5-1:10 (Based on the indirect method, with a normal ABC method the dilution can be 5-10 times higher, but the optimal dilution should be tested by serial dilution). Positive control: adeno carcinoma



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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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