

# Product Datasheet

## Cytokeratin 19 Antibody (BA17) - IHC-Prediluted **NBP2-44823**

Unit Size: 7 ml

Store at 4C.

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**NBP2-44823****Cytokeratin 19 Antibody (BA17) - IHC-Prediluted****Product Information**

<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BA17
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM PBS and 0.05% BSA
<b>Target Molecular Weight</b>	40 kDa

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	3880
<b>Gene Symbol</b>	KRT19
<b>Species</b>	Human
<b>Marker</b>	Pancreatic Stem Cell Marker
<b>Specificity/Sensitivity</b>	This Ab reacts with the rod domain of human cytokeratin 19 (CK19), a polypeptide of 40kDa. CK19 is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical epithelium. Anti-CK19 reacts with a wide variety of epithelial malignancies including adenocarcinomas of the colon, stomach, pancreas, biliary tract, liver, and breast. Perhaps the most useful application is the identification of thyroid carcinoma of the papillary type, although 50%-60% of follicular carcinomas are also labeled. Anti-CK19 is a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer.
<b>Immunogen</b>	Human mammary epithelial organoids
<b>Notes</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.

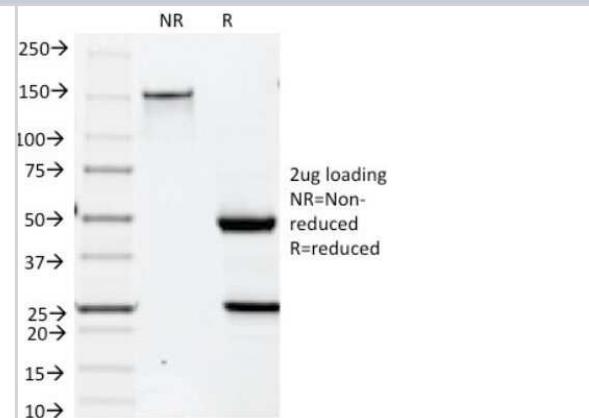
**Product Application Details**

<b>Applications</b>	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml
<b>Application Notes</b>	Hu-chromosome location: 17q21.2 Immunohistochemistry-Paraffin 0.5 - 1 ug/ml for 30 minutes at RT; Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10 - 20 min followed by cooling at RT for 20 minutes. The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.

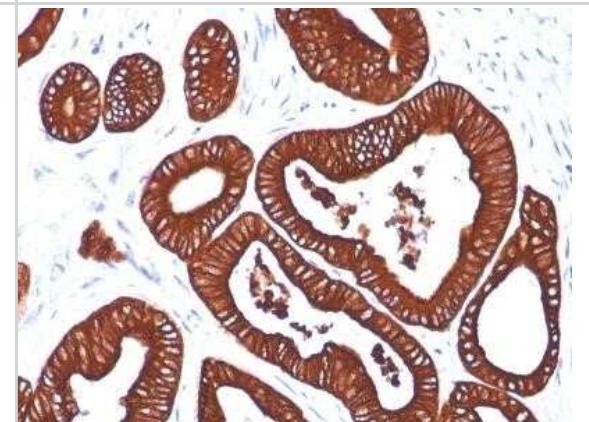
## Images

Western Blot: Cytokeratin 19 Antibody (BA17) - IHC-Prediluted [NBP2-44823] - SDS-Page: Cytokeratin 19 Antibody (BA17) [NBP2-34271].

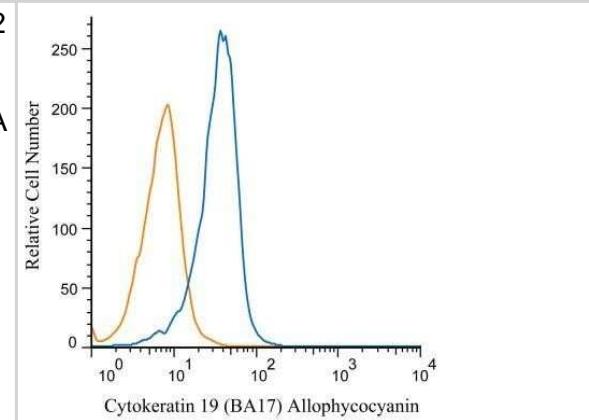
Image using the standard format of this product.



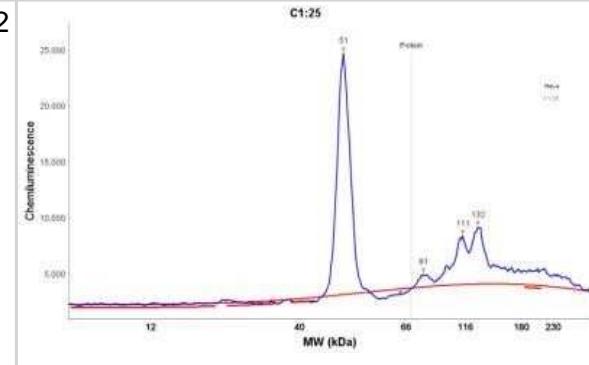
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (BA17) - IHC-Prediluted [NBP2-44823] - Formalin-fixed, paraffin-embedded human colon stained with Cytokeratin 19 MAb (BA17) Image using the standard format of this product.



Flow Cytometry: Cytokeratin 19 Antibody (BA17) - IHC-Prediluted [NBP2-44823] - An intracellular stain was performed on HepG2 cells with Cytokeratin 19 antibody (BA17) NBP2-34560APC (blue) and a matched isotype control NBP2-27287APC (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Allophycocyanin.



Simple Western: Cytokeratin 19 Antibody (BA17) - IHC-Prediluted [NBP2-44823] - Electropherogram image of the corresponding Simple Western lane. Cytokeratin 19 antibody was used at 10 ug/ml dilution of HeLa lysates(s) respectively. Image using the standard format of this product.



Simple Western: Cytokeratin 19 Antibody (BA17) - IHC-Prediluted [NBP2-44823] - Simple Western lane view shows a specific band for Cytokeratin 19 in 0.2 mg/ml of HeLa lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image using the standard format of this product.





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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