

# Product Datasheet

## Cytokeratin 19 Antibody (A53-B/A2.26 + BA17) NBP2-34272-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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**NBP2-34272-0.1mg**

Cytokeratin 19 Antibody (A53-B/A2.26 + BA17)

| Product Information     |                          |
|-------------------------|--------------------------|
| Unit Size               | 0.1 mg                   |
| Concentration           | 0.2 mg/ml                |
| Storage                 | Store at 4C.             |
| Clonality               | Monoclonal               |
| Clone                   | A53-B/A2.26 + BA17       |
| Preservative            | 0.05% Sodium Azide       |
| Isotype                 | IgG2a Lambda/IgG1 Kappa  |
| Purity                  | Protein A or G purified  |
| Buffer                  | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 40 kDa                   |

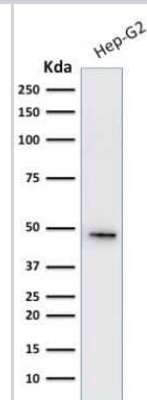
| Product Description     |   |
|-------------------------|---|
| Description             | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34548)<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.  |
| Host                    | Mouse   |
| Gene ID                 | 3880  |
| Gene Symbol             | KRT19   |
| Species                 | Human   |
| Marker                  | Pancreatic Stem Cell Marker   |
| Specificity/Sensitivity | This monoclonal antibody 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. |
| Immunogen               | Human breast cancer MCF-7 cells (A53-B/A2); Human mammary epithelial organoids (BA17)   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 1-2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml   |
| Application Notes           | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

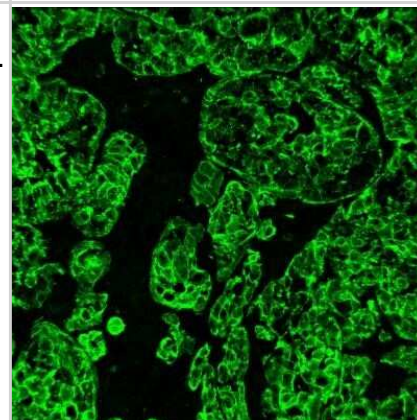


## Images

Western Blot: Cytokeratin 19 Antibody (A53-B/A2.26 + BA17) [NBP2-34272] - Western Blot Analysis of HepG2 cell lysate Cytokeratin 19 Antibody (A53-B/A2.26 + BA17).



Immunohistochemistry: Cytokeratin 19 Antibody (A53-B/A2.26 + BA17) [NBP2-34272] - Human breast cancer tissue stained with CK19 antibody. IHC-Fr image submitted by a verified customer review.. Using the DyLight 405 format of this antibody.



Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (A53-B/A2.26 + BA17) [NBP2-34272] - Formalin-fixed, paraffin-embedded human colon carcinoma stained with Cytokeratin 19 MAb (A53-B/A2.26 + BA17)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-34272-0.1mg**

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|               |   |
|---------------|---|
| HAF007        | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B       | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-78278PEP | Cytokeratin 19 Antibody Blocking Peptide                |
| 1129-ER-050   | ErbB2/Her2 [Unconjugated]                               |

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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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