

# Product Datasheet

## Cytokeratin 19 Antibody (A53-B/A2.26 + BA17) [Alexa Fluor™ Plus 680] NBP2-34548AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34548AFP680**

Cytokeratin 19 Antibody (A53-B/A2.26 + BA17) [Alexa Fluor™ Plus 680]

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	A53-B/A2.26 + BA17
Preservative	0.05% Sodium Azide
Isotype	IgG2a Lambda/IgG1 Kappa
Conjugate	Alexa Fluor Plus 680
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
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)
Notes	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . 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.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry



<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-34548AFP680**

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NB100-687PEP	Cytokeratin 19 Antibody Blocking Peptide
1129-ER-050	ErbB2/Her2 [Unconjugated]
NBP1-78278PEP	Cytokeratin 19 Antibody Blocking Peptide
MAB1368	alpha-Fetoprotein/AFP Antibody (189502) [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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