

# Product Datasheet

## **Cytokeratin 17 Antibody (E3 (same as Ks17.E3)) [Alexa Fluor® 594] NBP2-33188AF594**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-33188AF594**

Cytokeratin 17 Antibody (E3 (same as Ks17.E3)) [Alexa Fluor® 594]

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	E3 (same as Ks17.E3)
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3872
Gene Symbol	KRT17
Species	Human, Rat, Porcine, Bovine, Goat
Marker	Basal Epithelial Marker
Specificity/Sensitivity	Cytokeratin 17 (CK17) is normally expressed in the basal cells of complex epithelia but not in stratified or simple epithelia. Antibody to CK17 is an excellent tool to distinguish myoepithelial cells from luminal epithelium of various glands such as mammary, sweat and salivary. CK17 is expressed in epithelial cells of various origins, such as bronchial epithelial cells and skin appendages. It may be considered as 'epithelial stem cell' marker because CK17 Ab marks basal cell differentiation. CK17 is expressed in SCLC much higher than in LADC. Eighty-five percent of the triple negative breast carcinomas immunoreact with basal cytokeratins including anti-CK17. Also important is that cases of triple negative breast carcinoma with expression of CK17 show an aggressive clinical course. The histologic differentiation of ampullary cancer, intestinal vs. pancreatobiliary, is very important for treatment. Usually anti-CK17 and anti-MUC1 immunoreactivity represents pancreatobiliary subtype whereas anti-MUC2 and anti-CDX-2 positivity defines intestinal subtype.
Immunogen	Cytoskeletal fraction of rat colon epithelium (Uniprot: Q04695)

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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP2-33188AF594**

NBP1-43317AF594	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 594]
NBP2-51594-0.1mg	Recombinant Human Cytokeratin 17 His Protein
1503-SE-010	Furin [Unconjugated]
H00003872-T01	Cytokeratin 17 293T Cell Transient Overexpression Lysate

### **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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