

# Product Datasheet

## Cytokeratin 8/18 Antibody (5D3)

### NB120-17139

Unit Size: 1 ml

Store at 4C.

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#### Publications: 5

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**NB120-17139****Cytokeratin 8/18 Antibody (5D3)**

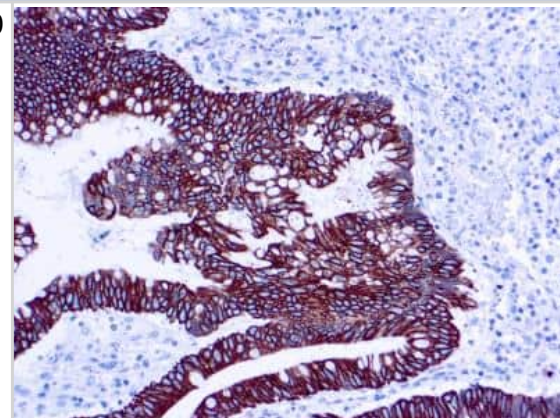
Product Information	
Unit Size	1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	5D3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Tissue culture supernatant
Buffer	Tissue culture supernatant

Product Description	
Host	Mouse
Gene ID	3856
Gene Symbol	KRT8
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 11277418). Not yet tested in other species.
Specificity/Sensitivity	This antibody is specific to human cytokeratins 8 (52.5 kDa) and 18 (45 kDa). It stains simple and glandular epithelium. It can be useful for the identification of adenocarcinomas and most squamous cell carcinomas.
Immunogen	Cytokeratins from the human breast carcinoma cell line MCF-7.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100
Application Notes	IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30 min at RT.

**Images**

Immunohistochemistry-Paraffin: Cytokeratin 8/18 Antibody (5D3) [NB120-17139] - Formalin fixed paraffin embedded human skin stained with Cytokeratin 8/18 antibody (NB120-17139).



## Publications

Chang Kuang-Leei Chao Wan-Ru Han Chih-Ping. Anticytokeratin (CAM5.2) Reagent Identifies Cytokeratins 7 and 9, Not Cytokeratin 18. Chest 2014-06-04 [PMID: 24889460]

Busch A, Bauer L, Wardelmann E et al. Prognostic relevance of epithelial-mesenchymal transition and proliferation in surgically treated primary parotid gland cancer. J. Clin. Pathol. 2016-10-11 [PMID: 27729431] (IF/IHC, Human)

Chang Kuang-Leei Chao Wan-Ru Han Chih-Ping. Anticytokeratin (CAM5.2) Reagent Identifies Cytokeratins 7 and 9, Not Cytokeratin 18. CHEST.

### Details:

A shoRat commentary on cytokeratin antibodies.

Martin CA, Salomoni PD, Badran AF. Cytokeratin immunoreactivity in mouse tissues: study of different antibodies with a new detection system. Appl Immunohistochem Mol Morphol. 2001-03-01 [PMID: 11277418] (IHC-P, Mouse)

### Details:

IHC (paraffin), mouse tissues including lung, kidney, liver, stomach, and small and large intestine: Representative data shown in Fig 3 (colon mucosa).

Han CP, Huang YC, Lee MY et al. Anti-cytokeratin CAM5.2 should not be mistaken for cytokeratin 8/18 monoclonal antibody: Comment on ""Spindle cell squamous cell carcinoma not expressing stratified but simple epithelial cytokeratin: Efficacy of simple epithelial cytokeratin immunoreactivity"" J Dermatol 2012-09-11 [PMID: 22963005]





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### **Products Related to NB120-17139**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
8184-CK-050	Choline Kinase beta [Unconjugated]

### **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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