

# Product Datasheet

## Cytokeratin 14 Antibody (KRT14/284) NBP2-45031-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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**NBP2-45031-0.1mg**

Cytokeratin 14 Antibody (KRT14/284)

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	KRT14/284
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM PBS and 0.05% BSA
<b>Target Molecular Weight</b>	50 kDa

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	3861
<b>Gene Symbol</b>	KRT14
<b>Species</b>	Human, Rat
<b>Marker</b>	Squamous Cell Marker
<b>Specificity/Sensitivity</b>	Cytokeratin 14 (CK14) belongs to the type I (or A or acidic) subfamily of low molecular weight keratins and exists in combination with keratin 5 (type II or B or basic). CK14 is found in basal cells of squamous epithelia, some glandular epithelia, myoepithelium, and mesothelial cells. Anti-CK14 is useful in differentiating squamous cell carcinomas from poorly differentiated epithelial tumors. Anti-CK14 is one of the specific basal markers for distinguishing between basal and non-basal subtypes of breast carcinomas. Anti-CK14 is also a good marker for differentiation of intraductal from invasive salivary duct carcinoma by the positive staining of basal cells surrounding the in-situ neoplasm as well as for differentiation of benign prostate from prostate carcinoma. Furthermore, this antibody has been useful in separating oncocytic tumors of the kidney from its renal mimics, and in identifying metaplastic carcinomas of the breast.
<b>Immunogen</b>	Recombinant full-length human KRT14 protein

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunofluorescence 0.5 - 1.0 ug/ml
<b>Application Notes</b>	Hu-chromosome location: 17q21.2



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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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