



Datasheet for ABIN6941421  
**anti-KRT antibody**



[Go to Product page](#)

5 Images

Overview

Quantity:	100 µg
Target:	KRT (KRT126P)
Reactivity:	Human, Dog, Cat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Staining Methods (StM)

Product Details

Immunogen:	Crude cytokeratin extract prepared from RT-4 and MCF-7 cells.
Clone:	PCK-3150
Isotype:	IgG2a kappa
Purification:	Purified by Protein A/G

Target Details

Target:	KRT (KRT126P)
Alternative Name:	KRT ( <a href="#">KRT126P Products</a> )
Background:	Anti-cytokeratin clone PCK/3150 demonstrates a broad spectrum of cytokeratin reactivity. In normal tissues, PCK/3150 is reactive with most epithelial types, including bile ducts and hepatocytes in liver, bladder epithelium, breast ducts, bronchial epithelium, endometrium,

## Target Details

---

intestinal epithelium of stomach, duodenum, ileum, colon, rectum, pancreas, ovarian epithelium, pancreatic acini, pituitary acini, pneumocytes, prostate, thyroid, skin (positive on the basal layer and negative on the superficial layers of squamous epithelium), and apocrine and sweat glands. In tumors, PCK/3150 is reactive with most carcinomas, including breast, transitional cell (TCC), renal cell (RCC), lung adenocarcinoma, lung small cell, lung squamous cell, endometrial, prostate, ovarian, hepatocellular (HCC), colorectal CA, stomach and thyroid. It is negative in certain normal tissues, including brain, lymphocytes and all cells of hematology origin, muscle, brain, nerves, endothelium and in certain tumors including most melanomas, sarcomas, lymphomas, primitive neuroectodermal tumors (PNET)/Ewings and gastrointestinal stromal tumors (GIST). Positivity has been seen on some dendritic cells in lymph nodes, some endothelia, and some muscle cells.

---

Molecular Weight: 40-67kDa (Multiple)

## Application Details

---

Application Notes: Positive Control: Skin, adeno- or squamous carcinomas (IHC).  
Known Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 min at RT), (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.

---

Restrictions: For Research Use only

## Handling

---

Concentration: 200 µg/mL

---

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

---

Preservative: Sodium azide

---

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

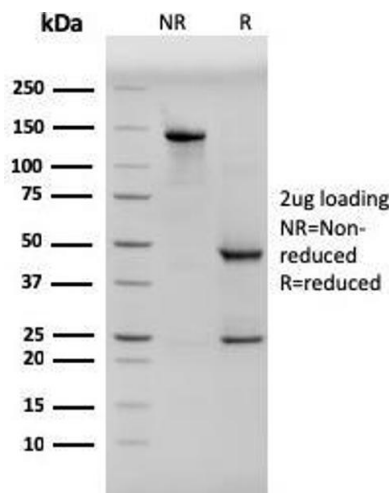
Storage: 4 °C, -80 °C

---

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

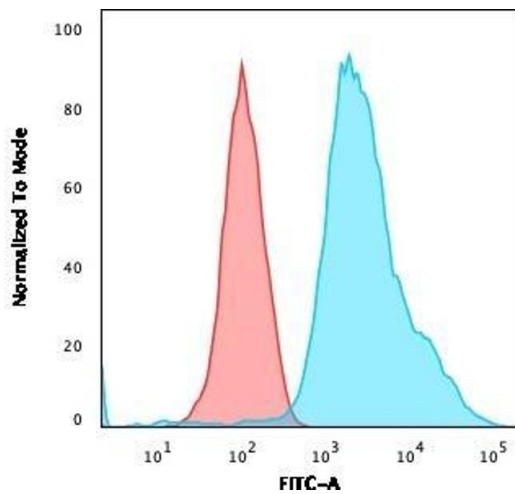
---

Expiry Date: 24 months



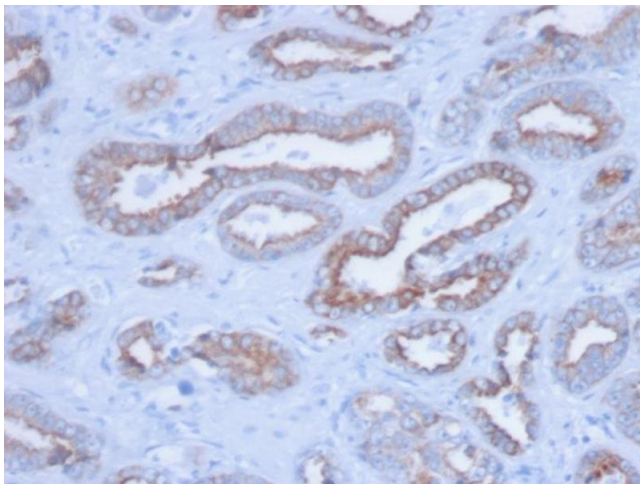
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Pan-Cytokeratin Mouse Monoclonal Antibody (PCK/3150). Confirmation of Purity and Integrity of Antibody.



### Flow Cytometry

**Image 2.** Flow Cytometric Analysis of HeLa cells using Pan-Cytokeratin Mouse Monoclonal Antibody (PCK/3150) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Prostate stained with Pan-Cytokeratin Mouse Monoclonal Antibody (PCK/3150).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6941421.