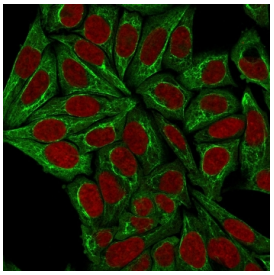
Pan Cytokeratin Antibody Cocktail (Acidic + Basic) [clone PCK/3150] (V8321)

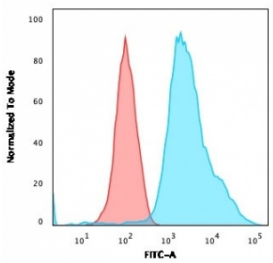
Catalog No.	Formulation	Size
V8321-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8321-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8321SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

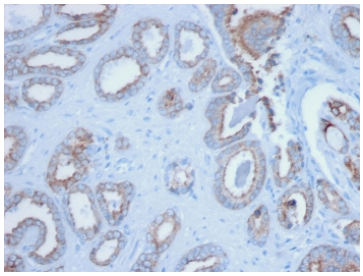
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	PCK/3150
Purity	Protein G affinity chromatography
Localization	Cytoplasmic
Applications	Flow Cytometry : 1-2ug/10^6 cells in 0.1ml Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Pan Cytokeratin antibody is available for research use only.



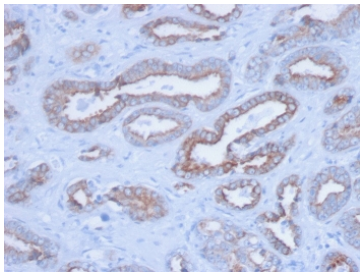
Immunofluorescent staining of permeabilized human HeLa cells with Pan Cytokeratin antibody (clone PCK/3150, green) and Reddot nuclear stain (red).



Flow cytometry testing of permeabilized human HeLa cells with Pan Cytokeratin antibody (clone PCK/3150); Red=isotype control, Blue= Pan Cytokeratin antibody.



IHC staining of FFPE human prostate with Pan Cytokeratin antibody (clone PCK/3150). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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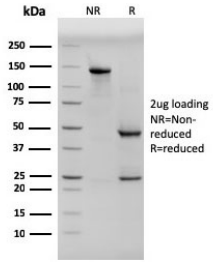

SDS-PAGE analysis of purified, BSA-free Pan Cytokeratin antibody (clone PCK/3150) as confirmation of integrity and purity.

Description

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, 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 hematolymphoid 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.

Application Notes

Optimal dilution of the Pan Cytokeratin antibody should be determined by the researcher.

Immunogen

A crude cytokeratin extract prepared from RT-4 and MCF-7 cells was used as the immunogen for this Pan Cytokeratin antibody.

Storage

Store the Pan Cytokeratin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).