

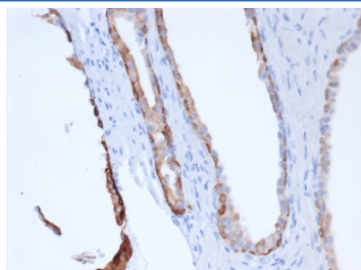
Recombinant Pan-CK Antibody Cocktail [clone Cocktail rPCK/6750] (V9362)

Catalog No.	Formulation	Size
V9362-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9362-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9362SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

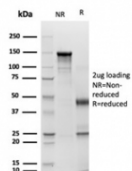
Recombinant **MOUSE MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	Cocktail rPCK/6750
Purity	Protein A/G affinity
Localization	Cytoplasmic
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Pan-CK antibody is available for research use only.



IHC staining of FFPE human prostate tissue with recombinant Pan-CK antibody (clone rPCK/6750). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Pan-CK antibody (Cocktail rPCK/6750) as confirmation of integrity and purity.

Description

Anti-cytokeratin clone rPCK/6750 demonstrates a broad spectrum of cytokeratin reactivity. In normal tissues, rPCK/6750 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, rPCK/6750 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 recombinant Pan-CK antibody should be determined by the researcher.

Immunogen

Crude cytokeratin extract prepared from RT-4 and MCF-7 cells was used as the immunogen for the recombinant Pan-CK antibody.

Storage

Aliquot the recombinant Pan-CK antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.