Product datasheet

anti-Keratin Pan rabbit polyclonal, purified

Short overview

Cat. No.	10550
Quantity	250 µl

Product description

Host	Rabbit
Antibody Type	Polyclonal
Isotype	IgG
Immunogen	Human skin
Formulation	Contains 0.01% sodium azide
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Human, Mouse

Applications

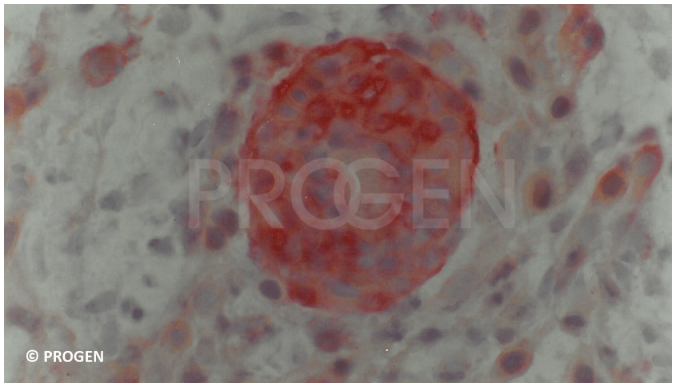
Immunohistochemistry (IHC) - frozen	1:50
Immunohistochemistry (IHC) - paraffin	1:50 (protease treatment and/or microwave treatment recommended)

Background

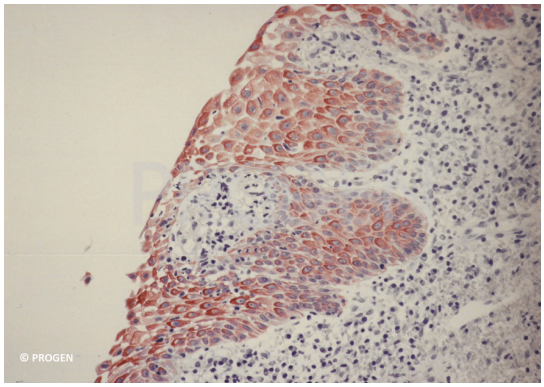
The antiserum reacts positively with all stratified squamous epithelia and epidermal appendages such as hairfollicles, sebaceous glands. Also positive on epithelia of the urinary tract, stomach, intestine, uterine endometrium and prostate. Identifies mesotheliomas, squamous cell carcinomas, adenocarcinomas, transitional cell carcinomas and anaplastic carcinomas.

Recommended for positive control: Squamous cell carcinoma, skin, cervix.

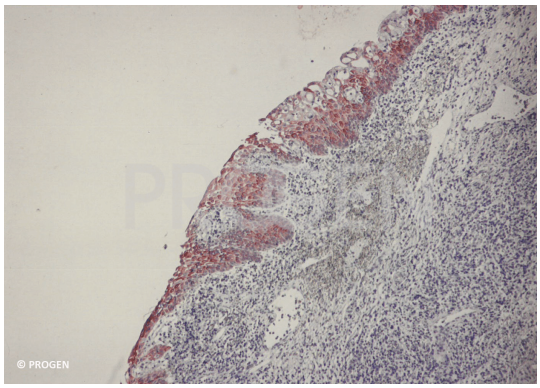
Product images



human Mamma Carcinoma (paraffin)



human Cervical Dysplasia



human Cervical Dysplasia

References

Publication	Species	Application
Yanagi, T. et al. Loss of TRIM29 Alters Keratin Distribution to Promote Cell Invasion in Squamous Cell Carcinoma. Cancer.Res. 78, 6795-6806 (2018)	mouse	IHC (paraffin)
Ramaekers, F. et al. Antibodies to cytokeratin and vimentin in testicular tumour diagnosis. Virchows Arch. A Pathol. Anat. Histopathol. 408, 127-142 (1985).	human	IHC (frozen)