Product datasheet

anti-Keratin K6 (C-terminus) guinea pig polyclonal, serum

Short overview

Cat. No.	GP91
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic peptide of human keratin K6 (C-SSTIKYTTTSS), coupled to KLH
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	P02538 (Human),P50446 (Mouse)
Synomym	Keratin, type II cytoskeletal 6A, Cytokeratin-6A, CK-6A, Cytokeratin-6D, CK-6D, Keratin-6A, K6A, Type-II keratin Kb6, allergen Hom s 5, KRT6A, K6A, KRT6D
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Stabilized antiserum
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	1:100-1:200
Immunohistochemistry (IHC) - paraffin	1:100-1:200 (microwave treatment recommended)

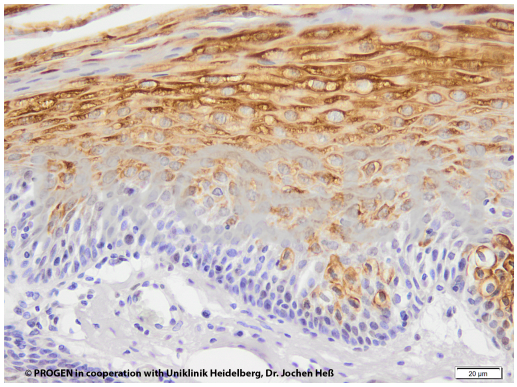
Background

In immunohistochemistry, the antibody detects keratin K6 in non-keratinized squamous epithelia, follicular outer root sheath and proliferating cells of epidermis (e.g. within psoriatic lesions). It is completely negative on non-stratified epithelia. Suitable for discrimination of keratinizing and non-keratinizing squamous cell carcinoma versus e.g. poorly differentiated adenocarcinoma.

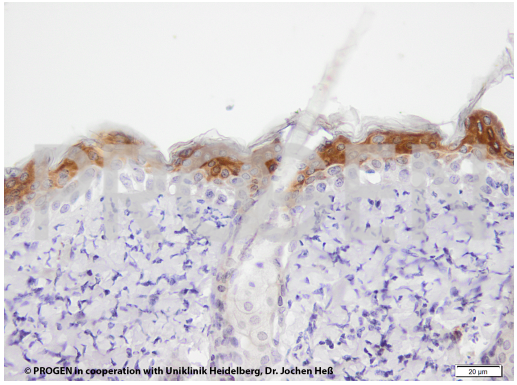
Reactive polypeptide: human type II (basic) keratin K6 (formerly also designated cytokeratin 6); MW 56,000 (pI 7.8).

Positive control: human psoriatic skin; rete ridges of foot sole.

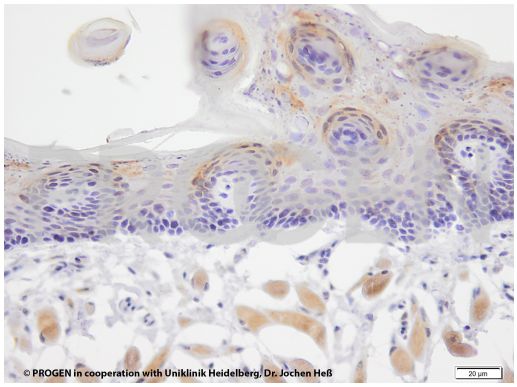
Product images



Human uvula (courtesy of J. Hess, University Hospital Heidelberg)



Mouse skin (courtesy of J. Hess, University Hospital Heidelberg)



Rat tongue (courtesy of J. Hess, University Hospital Heidelberg)

References

Publication	Species	Application
Langbein, L., Yoshida, H., Praetzel-Wunder, S., Parry, D. A. & Schweizer, J. The Keratins of the Human Beard Hair Medulla: The Riddle in the Middle. J. Invest. Dermatol. 130, 55â€“73 (2010).	human	IHC (frozen)