

## Product datasheet

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

#### Short overview

<b>Cat. No.</b>	GP91
<b>Quantity</b>	100 µl

#### Product description

<b>Host</b>	Guinea pig
<b>Antibody Type</b>	Polyclonal
<b>Immunogen</b>	Synthetic peptide of human keratin K6 (C-SSTIKYTTTSS), coupled to KLH
<b>Formulation</b>	Contains 0.09% sodium azide and 0.5% BSA
<b>UniprotID</b>	P02538 (Human), P50446 (Mouse)
<b>Synonym</b>	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
<b>Note</b>	Centrifuge prior to opening
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Stabilized antiserum
<b>Storage</b>	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	IHC
<b>Reactivity</b>	Human, Mouse

#### Applications

<b>Immunohistochemistry (IHC) - frozen</b>	1:100-1:200
<b>Immunohistochemistry (IHC) - paraffin</b>	1:100-1:200 (microwave treatment recommended)

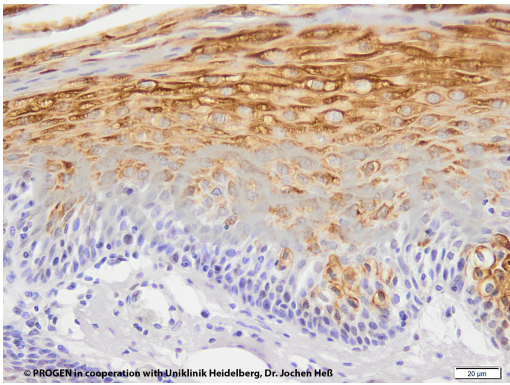
#### Background

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.

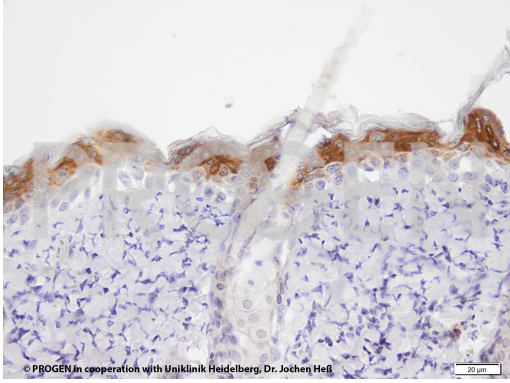
Reactive polypeptide: human type II (basic) keratin K6 (formerly also designated cytokeratin 6); MW 56,000 (pI 7.8).

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

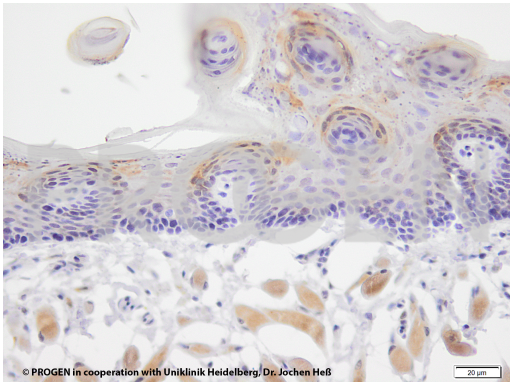
#### Product images



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
<a href="#">Langbein, L., Yoshida, H., Praetzel-Wunder, S., Parry, D. A. &amp; Schweizer, J. The Keratins of the Human Beard Hair Medulla: The Riddle in the Middle. J. Invest. Dermatol. 130, 55â€“73 (2010).</a>	human	IHC (frozen)