

Product datasheet

anti-basic Hair Keratin K81 guinea pig polyclonal, serum

Short overview

Cat. No.	GP-HHB1
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic peptide of human basic hair (trichocytic) keratin K81 (formerly also designated keratin hHb1; C-GISSLGVGSCGSS), coupled to KLH
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	Q14533 (Human), Q9ERE2 (Mouse)
Synonym	Keratin, type II cuticular Hb1, Hair keratin K2.9, Keratin, hair, basic, 1, Keratin-81, K81, Metastatic lymph node 137 gene protein, MLN 137, Type II hair keratin Hb1, Type-II keratin Kb21, ghHKb1, ghHb1, KRT81, KRTHB1, MLN137
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, WB
Reactivity	Human, Mouse

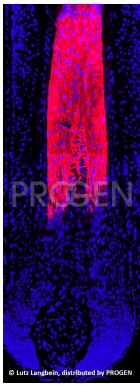
Applications

Immunohistochemistry (IHC) - frozen	1:200
Immunohistochemistry (IHC) - paraffin	1:200 (protease treatment and microwave treatment recommended)
Western Blot (WB)	1:2,000

Background

The antiserum stains specifically human hair keratin K81 present in the hair cortex and hair cuticle and tumors derived therefrom.

Product images



Human beard hair (courtesy of L. Langbein)

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)
Langbein, L., Spring, H., Rogers, M. A., Praetzel, S. & Schweizer, J. Hair keratins and hair follicle-specific epithelial keratins. Methods Cell Biol 78, 413â€“451 (2004).	human	WB
Langbein, L., Rogers, M. A., Winter, H., Praetzel, S. & Schweizer, J. The catalog of human hair keratins: II. Expression of the six type II members in the hair follicle and the combined catalog of human type I and II keratins. J. Biol. Chem. 276, 35123	human	IHC (frozen)