Product datasheet

anti-basic Hair Keratin K85 guinea pig polyclonal, serum

Short overview

Cat. No.	GP-HHB5
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic peptide of human basic hair (trichocytic) keratin K85 (formerly also designated hHb5; GRQ IST GPS AIG GSI TVV APD C), coupled to KLH
Formulation	Contains 0.09% sodium azide
UniprotID	P78386 (Human), Q9Z2T6 (Mouse)
Synomym	Keratin, type II cuticular Hb5, Hair keratin K2.12, Keratin-85, K85, Type II hair keratin Hb5, Type-II keratin Kb25, KRT85, KRTHB5
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

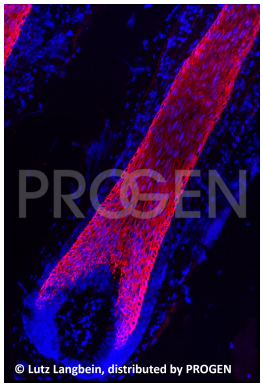
Applications

Immunohistochemistry (IHC) - frozen	1:200 (for enhancement of cortex staining preincubate fixed sections with 0.1% Triton X-100 (in PBS) for 1-5 min prior to first antibody incubation step)
Western Blot (WB)	1:2,000

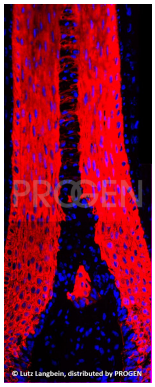
Background

The antiserum stains specifically human hair keratin K85 ex-pressed starting from the hair upper matrix, cortex and hair cuticle.

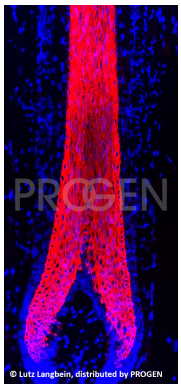
Product images



Human scalp hair (courtesy of L. Langbein)



Human medulla (courtesy of L. Langbein)



Human scalp hair (courtesy of L. Langbein)

References

Publication	Species	Application
Geueke, A. et al. The antiâ€•apoptotic Bclâ€•2 protein regulates hair follicle stem cell function. EMBO Rep. 22, 1â€“14 (2021).	Mouse	IHC-Fr-IF