Product datasheet

anti-Keratin Pan guinea pig polyclonal + anti-guinea pig IgG HRP set

Short overview

Cat. No.	71004
Quantity	100 µl anti-Keratin Pan + 100 µg anti-guinea pig IgG HRP

Product description

Host	Goat, Guinea pig
Antibody Type	Polyclonal
Immunogen	See individual antibody datasheet for information about specific immunogens
Formulation	Keratin Pan antibody: contains 0.09% sodium azide and 0.5% BSA; anti-guinea pig IgG HRP antibody: lyophilized, reconstitute in 500 µl dist. water (final solution contains 10 mg/ml BSA in PBS buffer, pH 7.4)
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Storage	Lyophilized at 2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles)
Intended use	Research use only
Application	IHC, WB
Reactivity	See individual antibody datasheet

Applications

Immunohistochemistry (IHC) - frozen	anti-Keratin Pan: 1:100-1:200
Immunohistochemistry (IHC) - paraffin	anti-Keratin Pan: 1:50-1:200 (microwave treatment recommended)
Western Blot (WB)	anti-Keratin Pan: 1:1,000-1:2,000; anti-guinea pig HRP: 1:2,500-1:100,000

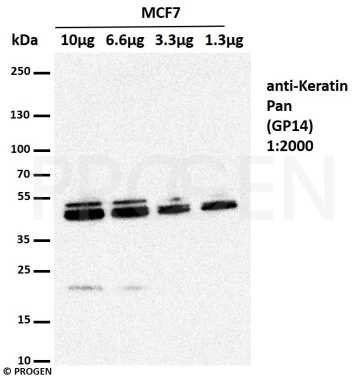
Background

anti-Keratin Pan antibody:Reactive Polypeptides: Acidic (K1, K4, K8) and basic (K14) keratins (40 - 68 kDa polypeptides).Tumors specifically detected: All types of epithelia and epithelium-derived neoplasms.

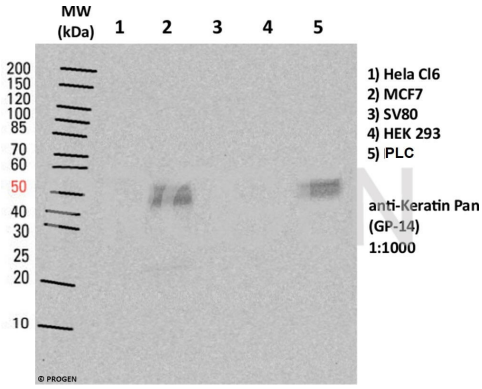
anti-guinea pig IgG goat polyclonal, HRP conjugate:Whole Guinea Pig IgG secondary antibodies are isolated from antisera by immunoaffinity chromatography. The antibody is conjugated to Horseradish peroxidase (HRP) and is commonly used for WB, IHC and ELISA. Based on immunoelectrophoresis and/or ELISA, the antibody reacts with whole molecule guinea pig IgG. It also reacts with the light chains of other guinea pig immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.

Set content: Cat. No. GP14, anti-Keratin Pan guinea pig polyclonal, serumCat. No. 90001, anti-guinea pig IgG goat polyclonal, HRP conjugate

Product images



WB with anti-Pan antibody (Cat. No. GP14, 1:2,000), MCF7 whole cell lysate (1.3 - 10 µg), secondary antibody: anti-guinea pig HRP (Cat. No. 90001, 1:5,000)



WB with anti-Pan antibody (Cat. No. GP14, 1:1,000) on different human cell lines; secondary antibody: anti-guinea pig HRP (Cat. No. 90001, 1:5,000)

References

Publication	Species	Application
Barbone, D. et al. Vorinostat Eliminates Multicellular Resistance of Mesothelioma 3D Spheroids via Restoration of Noxa Expression. PLoS One 7, (2012).	human	IHC (paraffin)
Barbone, D. et al. The Bcl-2 repertoire of mesothelioma spheroids underlies acquired apoptotic multicellular resistance. Cell Death Dis. 2, (2011).	human	IHC (paraffin)
Boehnke, K. et al. Effects of fibroblasts and microenvironment on epidermal regeneration and tissue function in long-term skin equivalents. Eur. J. Cell Biol. 86, 731-746 (2007).	human	IHC (paraffin)
Obermueller, E., Vosseler, S., Fusenig, N. E. & Mueller, M. M. Cooperative Autocrine and Paracrine Functions of Granulocyte Colony-Stimulating Factor and Granulocyte-Macrophage Colony-Stimulating Factor in the Progression of Skin Carcinoma Cells. CANCER	human	IHC (frozen)