Product Datasheet

Cytokeratin, pan Antibody
NB600-579

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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Publications: 10

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
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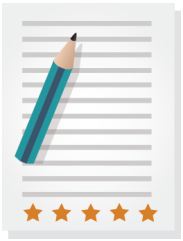
Updated 10/23/2024 v.20.1



NB600-579

Cytokeratin, pan Antibody

Product Information

Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4), 0.2% BSA, Tween-20

Product Description

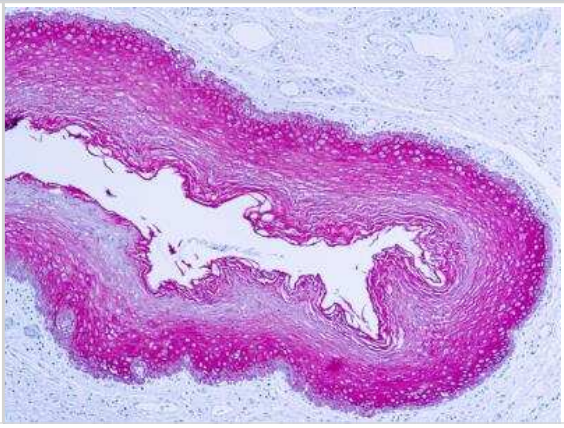
Host	Rabbit
Gene ID	3848
Gene Symbol	KRT1
Species	Human, Mouse, Bovine, Monkey
Reactivity Notes	Monkey reactivity reported in scientific literature (PMID: 28916434). Mouse reactivity reported in scientific literature (PMID: 32421534).
Marker	Epithelial marker
Specificity/Sensitivity	NB600-579 has cross-reactivity with cytokeratins of 58, 56, 52, 60, 51, 48 and 68 kDa molecular weight. The antibody is well suited for the staining of a broad spectrum of human keratins.
Immunogen	This Cytokeratin, pan Antibody was developed against pan Cytokeratin isolated from bovine muzzle epidermis.

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100, Immunohistochemistry-Frozen 1:75 - 1:200
Application Notes	IHC-P: recommended pretreatment of HistoZyme. Recommended incubation time of 30 min at RT.

Images

Immunohistochemistry-Paraffin: Cytokeratin, pan Antibody [NB600-579] - Human skin stained with Cytokeratin antibody.



Publications

Xie J, Yuan S, Peng L et al. Antitumor immunity targeting fibroblast activation protein□α in a mouse Lewis lung carcinoma model Oncol Lett 2020-05-18 [PMID: 32566014]

Felix R De Bie, Yannick Regin, Antoine Dubois, Marianna Scuglia, Tomohiro Arai, Ewout Muylle, David Basurto, Marius Regin, Siska Croubels, Marc Cherlet, Emily A Partridge, Karel Allegaert, Francesca M Russo, Jan A Deprest Prenatal treprostinil improves pulmonary arteriolar hypermuscularization in the rabbit model of congenital diaphragmatic hernia. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie 2023-12-11 [PMID: 38086148]

Ionel Sandovici, Aikaterini Georgopoulou, Vicente Pérez-García, Antonia Hufnagel, Jorge López-Tello, Brian Y.H. Lam et al. The imprinted Igf2-Igf2r axis is critical for matching placental microvasculature expansion to fetal growth Developmental Cell 2022-01-10 [PMID: 34963058]

Napso T, Lean SC, Lu M et al. Diet-induced maternal obesity impacts feto-placental growth and induces sex-specific alterations in placental morphology, mitochondrial bioenergetics, dynamics, lipid metabolism and oxidative stress in mice Acta physiologica (Oxford, England) 2022-02-03 [PMID: 35114078] (IF/IHC, Mouse)

Eber M, Park S, Contino K et al. Osteoblasts derived from mouse mandible enhance tumor growth of prostate cancer more than osteoblasts derived from long bone Journal of Bone Oncology 2021-02-01 [PMID: 33425674] (IHC-P, Mouse)

De Clercq K, Lopez-Tello J, Vriens J, Sferruzzi-Perri A Double-label immunohistochemistry to assess labyrinth structure of the mouse placenta with stereology Placenta 2020-05-01 [PMID: 32421534] (IHC-P, Mouse)

Georges LMC, De Wever O, Galvan JA et al. Cell Line Derived Xenograft Mouse Models Are a Suitable in vivo Model for Studying Tumor Budding in Colorectal Cancer Front Med (Lausanne) 2019-06-27 [PMID: 31316988] (IF/IHC, Human)

Slivka, PF;Hsieh, CL;Lipovsky, A;Pratt, SD;Locklear, J;Namovic, MT;McDonald, HA;Wetter, J;Edelmayer, R;Hu, M;Murphy, E;Domanus, M;Lu, C;Duggan, R;King, J;Scott, VE;Donnelly-Roberts, D;Slavin, A;Gopalakrishnan, S;Chung, N;Goedken, ER; Small Molecule and Pooled CRISPR Screens Investigating IL17 Signaling Identify BRD2 as a Novel Contributor to Keratinocyte Inflammatory Responses ACS Chem. Biol. 2019-04-15 [PMID: 30938974] (IHC-P, Human)

Nicholson SM, Carlesso G, Cheng LI et al. Effects of ICOS+ T cell depletion via afucosylated monoclonal antibody MEDI-570 on pregnant cynomolgus monkeys and the developing offspring Reprod. Toxicol. 2017-09-13 [PMID: 28916434] (Monkey)

Cuzic S, Bosnar M, Kramaric MD et al. Claudin-3 and Clara Cell 10 kDa Protein as Early Signals of Cigarette Smoke-Induced Epithelial Injury along Alveolar Ducts Toxicol Pathol 2012-12-01 [PMID: 22659244] (IF/IHC, Mouse)

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Products Related to NB600-579

NB820-59254	Human Skin Whole Tissue Lysate (Adult Whole Normal)
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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