

Product Datasheet

Cytokeratin, pan Antibody

NB600-579

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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Publications: 13

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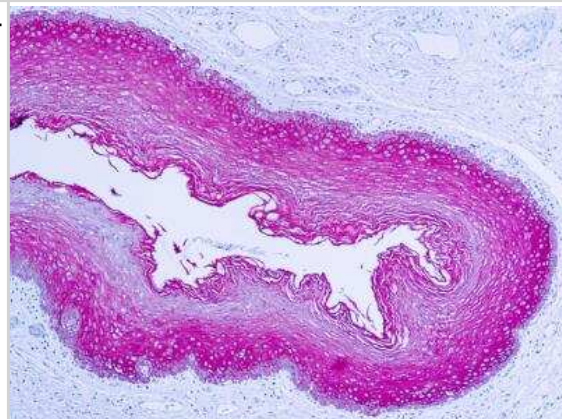
NB600-579

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	
Description	Novus Biologicals Rabbit Cytokeratin, pan Antibody (NB600-579) is a polyclonal antibody validated for use in IHC. Anti-Cytokeratin, pan Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
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

Lecointre, M;Guillot, J;Marcone, R;Ozdoganlar, D;Cayatte, M;Jaensson Gyllenbäck, E;Liberg, D;Fournier, N;Homicsko, K;Hanahan, D; HPV16-Expressing Tumors Release Multiple IL-1 Ligands to Orchestrate Systemic Immunosuppression Whose Disruption Enables Efficacy of a Therapeutic Vaccine Cancer discovery 2025-04-27 [PMID: 40287949]

Ghisoni E, Benedetti F, Minasyan A et al. Myeloid cell networks govern re-establishment of original immune landscapes in recurrent ovarian cancer. Cancer Cell 2025-07-22 [PMID: 40749672]

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] (Immunohistochemistry, Mouse)

Pietrobono S, Bertolini M, De Vita V et al. CCL3 predicts exceptional response to TGF β inhibition in basal-like pancreatic cancer enriched in LIF-producing macrophages NPJ Precision Oncology 2024-10-30 [PMID: 39478186]

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 fetoplacental 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)

More publications at <http://www.novusbio.com/NB600-579>





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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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