

For research use only

## **Anti Keratin 12 Polyclonal Antibody**

Keratin is one of the major components of intermediate filament cytoskeleton of epithelial cells. Keratin 12 is known as a differentiation marker specific for ocular surface epithelia.

This antibody was obtained from rabbit serum immunized with partial peptide of rabbit Keratin 12 and partially purified with affinity chromatography.

This antibody cross-reacts with human and mouse Keratin 12.

Package Size  $25 \mu \text{ g} (100 \mu \text{ L/vial})$ 

Format Rabbit polyclonal antibody 0.25 mg/mL

Buffer PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]

Immunogen Synthetic peptide of rabbit Keratin 12

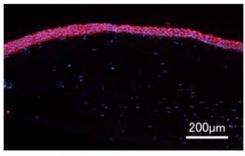
Raised in Rabbit
Clonality Polyclonal

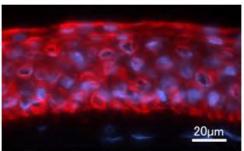
Purification method Peptide affinity chromatography

Cross-reactivity Human, Mouse

Storage Below –20°C in undiluted aliquots. Avoid repeated freeze/thaw cycles.

Working dilution Immunohistochemistry :  $2 \mu \text{ g/mL}$ 





## **Immunohistochemistry**

Sample: Human Cornea

Preparation of antibodies and instruction: Dr. Tano Y., Dr. Nishida K. and Dr. Watanabe K. at Department of Ophthalmology, Osaka University Medical School



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## [Reference]

1. Liu CY. et al.: Curr Eye Res. 1993 Nov;12(11):963-74

2. Nishida K. et al.: Invest Ophthalmol Vis Sci. 1996 Aug;37(9):1800-9

3. Moyer PD. et al.: Differentiation. 1996 Mar;60(1):31-8.

4. Kinoshita S. et al.: Prog Retin Eye Res. 2001 Sep;20(5):639-73

Supplier



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