

Anti-Cytokeratin 14/KRT14 Antibody Picoband® APC Conjugated

Catalog Number: A01432-APC

About KRT14

Cytokeratin 14, also known as cytokeratin-14 (CK-14) or keratin-14 (KRT14), is a member of the type I keratin family of intermediate filament proteins. In humans it is encoded by the KRT14 gene. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11.

Overview

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| Product Name | Anti-Cytokeratin 14/KRT14 Antibody Picoband® APC Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, IHC-F, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P02533 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human Cytokeratin 14, identical to the related mouse and rat sequences. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

3 Publications Citing This Product

1. PubMed ID: 10.1042/CBI20090453, Recombinant PBD β 1 (porcine beta β defensin 1) expressed in the milk by transplanting transgenic mES β like β derived cells into mouse mammary gland
2. PubMed ID: 10.1007/s11626-008-9092-2, Long-term culture of keratinocyte-like cells derived from mouse embryonic stem cells
3. PubMed ID: 10.1016/j.exer.2006.11.014, Establishment of a corneal epithelial cell line spontaneously derived from human limbal cells

Visit bosterbio.com/anti-cytokeratin-14-picoband-trade-antibody-a01432-boster.html to see all 3 publications.

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