

Anti-Cytokeratin 14/KRT14 Antibody Picoband® FITC Conjugated

Catalog Number: A01432-FITC

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

Product Name	Anti-Cytokeratin 14/KRT14 Antibody Picoband® FITC 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

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	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 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

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