

Cytokeratin 5 + 14 antibody

Cat. No. GTX40203

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Applications	IHC
Reactivity	Human

Package
100 µg

Applications

Application Note

IHC: Use at an assay dependent dilution. Optimal dilutions/concentrations should be determined by the end user.

Product Note Detected in the basal layer, lowered within the more apically located layers specifically in the stratum spinosum, stratum granulosum but is not detected in stratum corneum. Strongly expressed in the outer root sheath of anagen follicles but not in the germinative matrix, inner root sheath or hair. Found in keratinocytes surrounding the club hair during telogen.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The 50,000 Mr band (including K14) cut from an SDS-polyacrylamide gel and Triton X-100 extracted cytoskeleton pellet from cultured human foreskin keratinocytes.
Purification	IgM fraction
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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Date 2026 / 01 / 13 Page 1 of 1