



[Go to Product page](#)

Datasheet for ABIN472479  
**anti-Keratin 5/14 antibody (C-Term)**

Overview

Quantity:	6 mL
Target:	Keratin 5/14 (KRT5/14)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Prokaryotic recombinant protein corresponding to 103 amino acid portion of C-terminal region of the human cytokeratin 5 molecule. LLLLL: Synthetic peptide of the extreme c-terminal of human keratin-14.  Type of Immunogen: Synthetic peptide
Isotype:	IgG1, IgG3
Specificity:	This antibody cocktail reacts with cytokeratin 5 intermediate filament protein as well as to 50kD cytokeratin protein designated cytokeratin 14. Basal cells of human epidermis express acidic cytokeratin 14 and basic cytokeratin 5. Cytokeratin 5 is a 58kD protein, which is closely related to cytokeratin 6. Cytokeratin 5 and 6 are expressed in basal cell epithelioma, basal cells of prostate, urothelium, vagina, squamous cell carcinomas of skin, tongue, epiglottis and rectal-anal region. Cytokeratin 5 can be useful in the distinction of mesotheliomas from most

## Product Details

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adenocarcinomas. Cytokeratin 14 belongs to the type A (acidic) subfamily of low MW cytokeratins and exists in combination with cytokeratin 15. This antibody can be useful to distinguish stratified epithelial cells from simple epithelial cells. Species cross-reactivity: This antibody is reactive against human.

Purification: Purified

## Target Details

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Target: Keratin 5/14 (KRT5/14)

Alternative Name: Cytokeratin 5+14 ([KRT5/14 Products](#))

Background: This antibody detects: Cytokeratin 5+14

## Application Details

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Application Notes: Approved: ICC, IF, IHC, IHC-Fr

Usage: Suitable for use in Immunofluorescence, Western Blot and Immunohistochemistry (Fr) and Immunocytochemistry. Positive control: Skin.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.2, 0.08 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Do not freeze. Stable at 4°C as an undiluted liquid. Dilute only prior to immediate use. Freezing will result in a substantial loss of activity.