

Product datasheet

Anti-Cytokeratin 8 antibody ab52949

[3 References](#) [3 Images](#)

Overview

Product name	Anti-Cytokeratin 8 antibody
Description	Rabbit polyclonal to Cytokeratin 8
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P, ICC/IF Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	A synthetic peptide corresponding to residues on the N-terminus of human Cytokeratin 8
Positive control	HeLa cell lysate, human gastric adenocarcinoma and HeLa cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

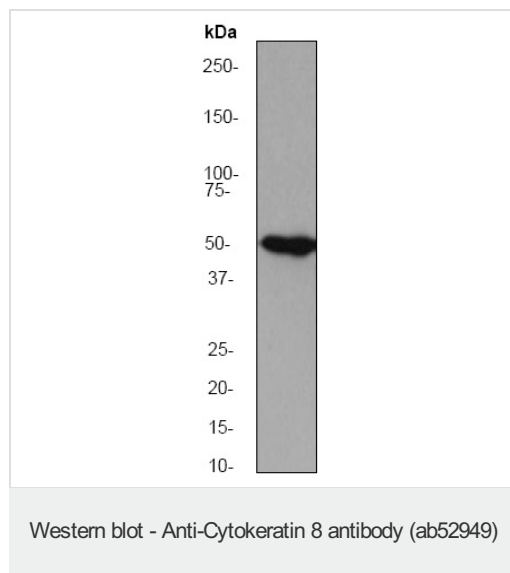
Our [Abpromise guarantee](#) covers the use of **ab52949** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500. Detects a band of approximately 54 kDa (predicted molecular weight: 54 kDa).
IP		1/60.
IHC-P		Use at an assay dependent concentration.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/250.
Application notes		Is unsuitable for Flow Cyt.
Target		
Function		Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.
Tissue specificity		Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity.
Involvement in disease		Cirrhosis
Sequence similarities		Belongs to the intermediate filament family.
Post-translational modifications		Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization. O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation. O-glycosylated (O-GlcNAcylated), in a cell cycle-dependent manner.
Cellular localization		Cytoplasm. Nucleus, nucleoplasm. Nucleus matrix.

Images



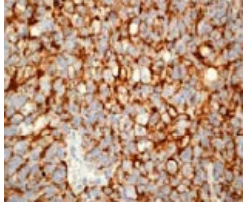
Anti-Cytokeratin 8 antibody (ab52949) at 1/500 dilution + HeLa cell lysate at 10 µg

Secondary

goat anti-rabbit HRP at 1/2000 dilution

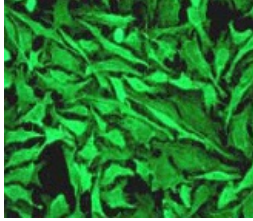
Predicted band size: 54 kDa

Observed band size: 54 kDa



ab52949 at 1/100 dilution staining Cytokeratin 8 in human gastric adenocarcinoma by Immunohistochemistry, Paraffin embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 8 antibody (ab52949)



ab52949 at 1/100 dilution staining Cytokeratin 8 in HeLa cells by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Cytokeratin 8 antibody (ab52949)

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