

Datasheet for ABIN265501
anti-Cytokeratin 5 antibody



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2 Images

Overview

Quantity:	0.1 mg
Target:	Cytokeratin 5 (KRT5)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Specificity:	Keratin 5 antibody detects endogenous levels of Keratin 5 protein.(region surrounding Ser573)
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Purity:	> 95 % pure by SDS-PAGE

Target Details

Target:	Cytokeratin 5 (KRT5)
Alternative Name:	Cytokeratin 5 (KRT5 Products)
Background:	Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue. Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall

Target Details

structural integrity of epithelial cells. Cytokeratins have been found to be useful markers of tissue differentiation which is directly applicable to the characterization of malignant tumors. Cytokeratin 5 is expressed in normal basal cells. Mutations of the Cytokeratin 5 gene (KRT5) have been shown to result in the autosomal dominant disorder epidermolysis bullosa (EB).Synonyms: 58 kDa Cytokeratin, CK5, Cytokeratin-5, K5, KRT5, Keratin 5, Keratin type II cytoskeletal 5, Keratin-5

Gene ID:	3852
NCBI Accession:	NP_000415
UniProt:	P13647

Application Details

Application Notes:	ELISA: 1: 10000approx. 1: 20000. WB: 1: 500approx. 1: 1000. IHC: 1: 50approx. 1: 200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1,0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.2., 0.05 % 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.
Handling Advice:	DO NOT FREEZE!
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.

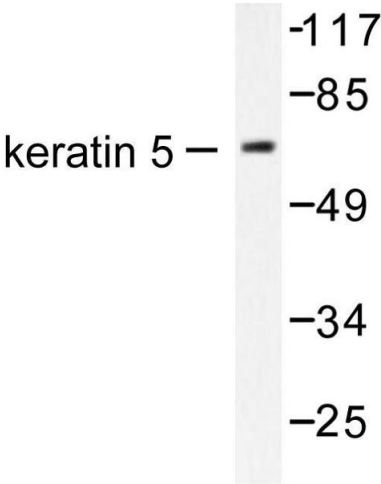


Image 1.

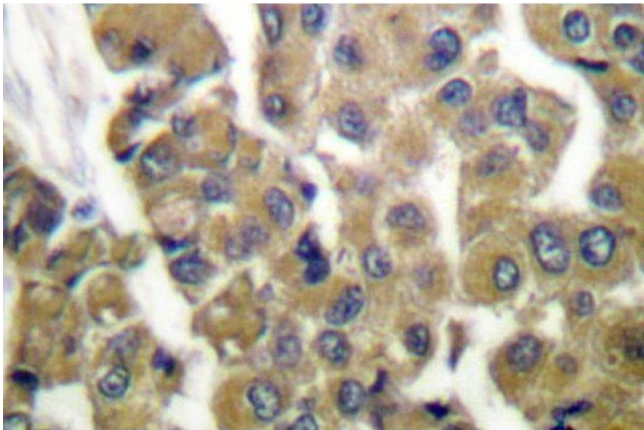


Image 2.