

Datasheet for ABIN7425890

anti-Cytokeratin 5 antibody (AA 168-481)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Cytokeratin 5 (KRT5)
Binding Specificity:	AA 168-481
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Cytokeratin 5 (CK5)
Immunogen:	Recombinant Cytokeratin 5 (CK5) corresponding to Glu168~Leu481 with N-terminal His Tag
Clone:	C5
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CK5. It has been selected for its ability to recognize CK5 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

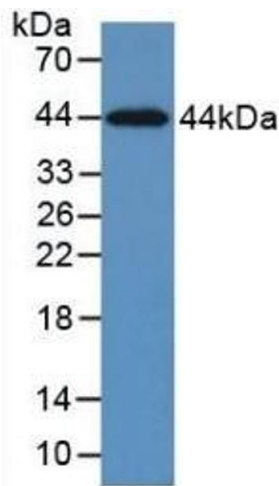
Target:	Cytokeratin 5 (KRT5)
Alternative Name:	Cytokeratin 5 (KRT5 Products)
Background:	KRT5, DDD, EBS2, K5, KRT5A, KRT5-A, Keratin 5, 58 kDa cytokeratin, Type-II keratin Kb5, Epidermolysis Bullosa Simplex Dowling-Meara/Kobner/Weber-Cockayne Types
UniProt:	P13647

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, 1:500-2000Immunohistochemistry: 5-20 µg/mL, 1:50-200Immunocytochemistry: 5-20 µg/mL, 1:50-200Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant KRT5, Human using Monoclonal Antibody to Cytokeratin 5 (CK5)