

Anti-Cytokeratin 7 Rabbit Monoclonal Antibody

Introduction

K7 a type II cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Phosphorylation of keratins at specific sites affects their organization, assembly dynamics, and their interaction with signaling molecules. Specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels.

Product parameters

Alternative Names	CK 7; CK-7; ck7; Cytokeratin 7; Cytokeratin-7; Cytokeratin7; D15Wsu77e; K2C7; K2C7_HUMAN; K7; Keratin 55k type ii cytoskeletal; Keratin 7; Keratin simple epithelial type 1 k7; Keratin type II cytoskeletal 7
Gene ID	3855
Gene Name	KRT7
SwissProt ID	P08729
Host	Rabbit
Reactivity	Human
Molecular Weight	Calculated MW: 51 kDa; Observed MW: 51 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-17A3H10
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	A synthetic peptide of human Cytokeratin 7
Purification	Affinity Purified
Buffer System	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Application	WB, ICC/IF, IP
Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Research Field	Signal Transduction

Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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