SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-KRT5 Monoclonal Antibody

Catalog Number: SLA0475M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	12H10
GeneID:	3852
SWISS:	P13647
Target:	KRT5
Immunogen:	KLH conjugated synthetic peptide derived from human CK5
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:200-500) IHC-F (1:200-500) IF (1:200-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	64 kDa
Subcellular Location:	Nucleus
Background:	Cytokeratins (CK) are intermediate filaments of epithelial cells, both in keratinising tissue (ie., skin) and non keratinising cells (ie., mesothelial cells). Although not a traditional marker for endothelial cells, cytokeratins have also been found in some microvascular endothelial cells. At least 20 different cytokeratins (CK) in the molecular range of 40 to 70 kDa and isoelectric points of 5 to 8.5 can be identified using two dimensional gel electrophoresis. Biochemically, most members of the CK family fall into one of two classes, type I (acidic polypeptides) and type II (basic polypeptides). At least one member of the acidic family and one member of the basic family is expressed

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	in all epithelial cells. Defects in KRT5 are a cause of epidermolysis bullosa simplex.

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