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Rabbit Anti-Cytokeratin 3+12 antibody

SL2369R

Product Name:	Cytokeratin 3+12
Chinese Name:	细胞角蛋白3+12抗体
Alias:	CK 12; CK 3; CK12; CK3; Cytokeratin 12; Cytokeratin 3; K12; K3; keratin 12 (Meesmann corneal dystrophy); Keratin 12; Keratin 3; Keratin, type I cytoskeletal 12; Keratin, type II cytoskeletal 3; KRT12; KRT3; 65 kDa cytokeratin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65+54kDa
Cellular localization:	cytoplasmicThe cell membraneExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Cytokeratin 3+12:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Cytokeratin 3 is a member of the intermediate filament family of proteins and is a heterotetramer of two type I and two type II keratins. Keratin 3 is specifically expressed in the corneal epithelium with family member KRT12. Cytokeratin 12 encodes the type I intermediate filament chain keratin 12, expressed in corneal epithelia. Defects in KRT3 and KRT12 are a cause of Meesmann corneal dystrophy (MCD), an autosomal

	dominant disease that causes fragility of the anterior corneal epithelium. Symptoms occur in adulthood and include rupture of the corneal microcysts that may lead to photophobia, contact lens intolerance and intermittent diminution of visual acuity. Defects in KRT12 are a cause of juvenile epithelial corneal dystrophy of Meesmann (MCD) **SWISS:** P12035 **Gene ID:** 3850 **Database links:** Entrez Gene: 3850Human Omim: 148043Human SwissProt: P12035Human Unigene: 680652Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.