

bsm-60815R**[Primary Antibody]**

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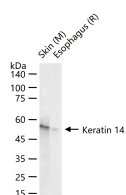
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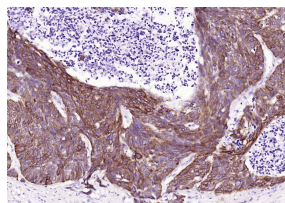
400-901-9800

KRT14/CK-14 Recombinant Rabbit mAb**— DATASHEET —**

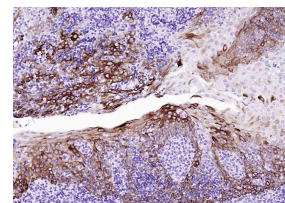
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 53 kDa Observed MW.: 52 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: 1C11	
GeneID: 3861	SWISS: P02533	
Target: KRT14/CK-14		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: PBS, Glycerol, BSA. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11. [provided by RefSeq].		

— VALIDATION IMAGES —

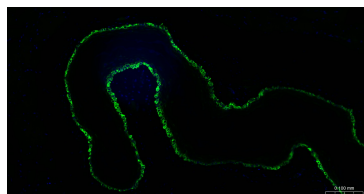
25 ug total protein per lane of various lysates (see on figure) probed with Keratin 14 monoclonal antibody, unconjugated (bsm-60815R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



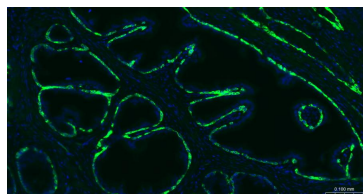
Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Keratin 14) Monoclonal Antibody, Unconjugated (bsm-60815R) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Keratin 14) Monoclonal Antibody, Unconjugated (bsm-60815R) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Keratin 14 Monoclonal Antibody, Unconjugated (bsm-60815R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Human prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Keratin 14 Monoclonal Antibody, Unconjugated (bsm-60815R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.

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