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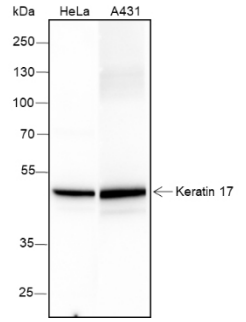
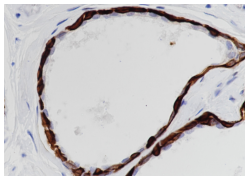
Keratin 17 Recombinant Rabbit mAb

Catalog Number:	bsm-60232R
Target Protein:	Keratin 17
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Recombinant
Clone No.:	F2C10
Isotype:	IgG
Applications:	WB (1:1000-1:5000), IHC-P (1:100-500), IHC-F (1:100-500), IF, ICC/IF (1:50-1:100)
Reactivity:	Human
Subcellular Locations:	Cytoplasm
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. This gene encodes the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in this gene lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex. [provided by RefSeq, Aug 2008].

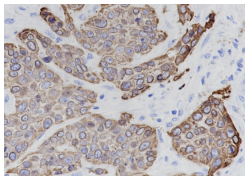
VALIDATION IMAGES



Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:5000 Primary ab incubation condition: 2 hours at room temperature Lysate: HeLa, A431 Protein loading quantity: 20 µg Exposure time: 15 s Predicted MW: 48 kDa Observed MW: 48 kDa



Tissue: Human prostate hyperplasia Section type: Formalin fixed & Paraffin -embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:1000 Primary incubation condition: 1 hour at room temperature Counter stain: Hematoxylin Comment: Color brown is the positive signal for bsm-60232R



Tissue: Human cervical carcinoma Section type: Formalin fixed & Paraffin -embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:1000 Primary ab incubation condition: 1 hour at room temperature Counter stain: Hematoxylin Comment: Color brown is the positive signal for bsm-60232R