

bsm-52062R**[Primary Antibody]****Bioss**
ANTIBODIES

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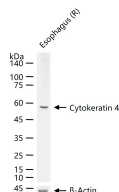
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Cytokeratin 4 Recombinant Rabbit mAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Recombinant	CloneNo.: 2F9	Reactivity: Rat (predicted: Human)
GeneID: 3851	SWISS: P19013	
Target: Cytokeratin 4		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 57 kDa
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.		Subcellular Location: Cytoplasm ,Nucleus
Background: The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]		

VALIDATION IMAGES

25 ug total protein per lane of various lysates
(see on figure) probed with Cytokeratin 4
monoclonal antibody, unconjugated
(bsm-52062R) at 1:1000 dilution and 4°C
overnight incubation. Followed by conjugated
secondary antibody incubation at r.t. for 60 min.

SELECTED CITATIONS

- **[IF=6]** Leila DOS SANTOS. et al. Cell Plasticity in a Mouse Model of Benign Prostate Hyperplasia Drives Amplification of Androgen-Independent Epithelial Cell Populations Sensitive to Antioxidant Therapy. AM J PATHOL. 2023 Oct;; IHC ;Mouse. 37827216