

bs-1028R**[Primary Antibody]**

Cytokeratin 19 Rabbit pAb

Bioss
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

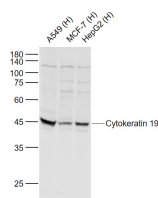
techsupport@bioss.com.cn

400-901-9800

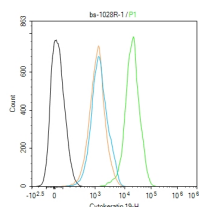
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1µg /test)
Clonality: Polyclonal		
GeneID: 3880	SWISS: P08727	
Target: Cytokeratin 19		
Immunogen: KLH conjugated synthetic peptide derived from human CK19: 168-270/400. < Cytoplasmic >		
Purification: affinity purified by Protein A		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Concentration: 1mg/ml		
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.		
		Predicted MW.: 44 kDa Subcellular Location: Extracellular matrix ,Cell membrane ,Cytoplasm

— VALIDATION IMAGES —



Sample: Lane 1: A549 (Human) Cell Lysate at 30 ug
 Lane 2: MCF-7 (Human) Cell Lysate at 30 ug
 Lane 3: HepG2 (Human) Cell Lysate at 30 ug
 Primary: Anti-Cytokeratin 19 (bs-1028R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 42 kD
 Observed band size: 42 kD



Blank control (black line) :MCF-7. Primary Antibody (green line): Rabbit Anti-Cytokeratin 19 antibody (bs-1028R) Dilution:1ug/Test;
 Secondary Antibody (white blue line) : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test.
 Isotype control (orange line) : Normal Rabbit IgG Protocol
 The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.
 Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=5.116]** Jian Liu. et al. Involvement of miRNA203 in the proliferation of epidermal stem cells during the process of DM chronic wound healing through Wnt signal pathways. Stem Cell Res Ther. 2020 Dec;11(1):1-10 IHC ;Rat. 32787903

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

- **[IF=3.267]** Joung-Hee Kim. et al. Mealworm Oil (MWO) Enhances Wound Healing Potential through the Activation of Fibroblast and Endothelial Cells. *Molecules*. 2021 Jan;26(4):779 IHC ;Rat. 33546205
- **[IF=2.24]** Yang Rong-Hua, et al. An improved method for the isolation and culture of rat epidermal stem cells. *International Journal of Clinical and Experimental Pathology* 6.11 (2013): 2529-2534. ICC ;="Rat". 24228116
- **[IF=0]** Yunsheng Wang. et al. A rare case of giant panda cancer: Pancreatic ductal adenocarcinoma. *Animal Models and Experimental Medicine*. 2022 Nov;; IHC ;Panda. 36369766