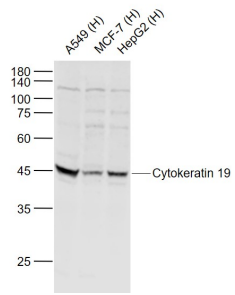
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

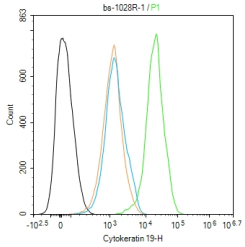
Cytokeratin 19 Rabbit pAb

Catalog Number:	bs-1028R
Target Protein:	Cytokeratin 19
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
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)
Reactivity:	Human (predicted:Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Predicted MW:	44 kDa
Entrez Gene:	3880
Swiss Prot:	P08727
Source:	KLH conjugated synthetic peptide derived from human CK19: 168-270/400.
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.

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.

PRODUCT SPECIFIC PUBLICATIONS

[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

[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 Pathology6.11 (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