bs-1513R

DATACHEET

[Primary Antibody]

EpCAM Rabbit pAb



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

Host	: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal			IHC-P (1:100-500)
GenelD: 4072		SWISS: P16422	IF (1:100-500)
Target	: EpCAM		Flow-Cyt (1µg/Test)
Immunogen: KLH conjugated synthetic peptide derived from human EpCAM: 221-314/314. < Cytoplasmic >			Reactivity: Human, Mouse, Rat
Purification	affinity purified by Pr	rotein A	
Concentration: 1mg/ml			Predicted
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.			MW.: ^{35 kDa}
			Subcellular Location: Cell membrane
Background: This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq, Dec 2008]			lls ing

– VALIDATION IMAGES



Sample: Lane 1: A431 (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: 4: K562 (Human) Cell Lysate at 30 ug Primary: Anti-EpCAM (bs-1513R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35 kD Observed band size: 38 kD



Paraformaldehyde-fixed, paraffin embedded (Human stomach cancer); 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; Antibody incubation with (EpCAM) Polyclonal Antibody, Unconjugated (bs-1513R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Blank control:K562. Primary Antibody (green line): Rabbit Anti-EpCAM antibody (bs-1513R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 0.5µg /test. Protocol The cells were incubated in



Blank control: FHC. Primary Antibody (green line): Rabbit Anti-EpCAM antibody (bs-1513R) Dilution: 1ug/Test; Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions



Paraformaldehyde-fixed, paraffin embedded (rat small intestine); 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; Antibody incubation with (EpCAM) Polyclonal Antibody, Unconjugated (bs-1513R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining. 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. 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 -

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- [IF=6.799] Smriti Arora. et al. Antibody mediated cotton-archetypal substrate for enumeration of circulating tumor cells and chemotherapy outcome in 3D tumors. Lab Chip. 2022 Feb;: Other ;Other. 35266489
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