

bs-5405R**[Primary Antibody]****phospho-CK18 (Ser60) Rabbit pAb****Bioss**
ANTIBODIES

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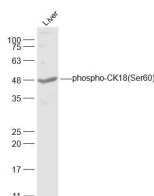
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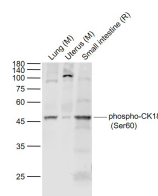
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 3875**SWISS:** P05783**Target:** CK18 (Ser60)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human CK18 around the phosphorylation site of Ser60: MG(p-S)GG.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

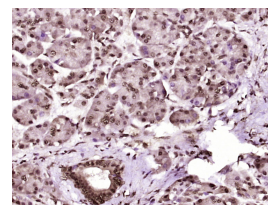
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**ICC/IF** (1:100)**Reactivity:** Human, Mouse, Rat**Predicted**
MW.: 48 kDa**Subcellular**
Location: Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

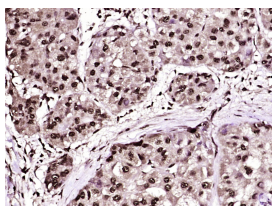
Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti-phospho-CK18(Ser60) (bs-5405R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 48 kD



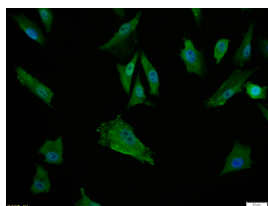
Sample: Lane 1: Lung (Mouse) Lysate at 40 ug Lane 2: Uterus (Mouse) Lysate at 40 ug Lane 3: Small intestine (Rat) Lysate at 40 ug Primary: Anti-phospho-CK18 (Ser60) (bs-5405R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 46 kD



Paraformaldehyde-fixed, paraffin embedded (Human pancreatic 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 (phospho-CK18(Ser60)) Polyclonal Antibody, Unconjugated (bs-5405R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human liver cancer); Antigen retrieval by boiling



Tissue/cell: A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20

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

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min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Antibody incubation with (phospho-CK18 (Ser60)) polyclonal Antibody, Unconjugated (bs-5405R) 1:100, 90 minutes at 37°C; followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.