

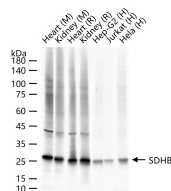
**bsm-54180R****[ Primary Antibody ]****SDHB Recombinant Rabbit mAb****Bioss**  
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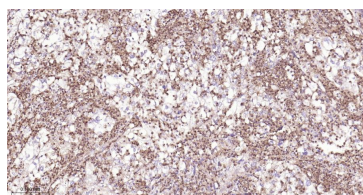
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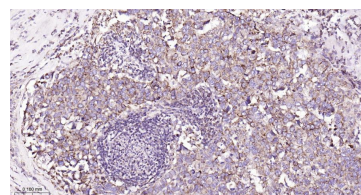
400-901-9800

**DATASHEET****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 6390**Target:** SDHB**Immunogen:** A synthesized peptide derived from human SDHB: 1-280/280.**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:** ron-sulfur protein (IP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q).**Isotype:** IgG**CloneNo.:** 2F7**SWISS:** P21912**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 32 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**VALIDATION IMAGES**

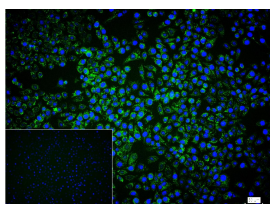
25 ug total protein per lane of various lysates (see on figure) probed with SDHB monoclonal antibody, unconjugated (bsm-54180R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



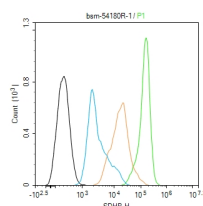
Paraformaldehyde-fixed, paraffin embedded Human Endometrial Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SDHB Monoclonal Antibody, Unconjugated(bsm-54180R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SDHB Monoclonal Antibody, Unconjugated(bsm-54180R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed HepG2 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (SDHB) monoclonal Antibody, unconjugated (bsm-54180R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The HepG2 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-SDHB antibody (bsm-54180R, 1:100); Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (bs-60295G-BF488): 1 µg/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.