

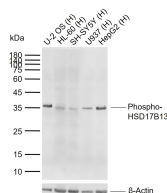
bs-22308R**[Primary Antibody]****Phospho-HSD17B13 (Ser33) Rabbit pAb****BioSS**
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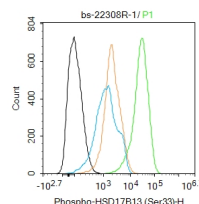
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— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 345275**SWISS:** Q7Z5P4**Target:** Phospho-HSD17B13 (Ser33)**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 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:** 17 beta-HSD13 (17 beta hydroxysteroid dehydrogenase type 13), also designated Short-chain dehydrogenase/reductase 9 (SCDR9), belongs to the 17 beta-HSD family of proteins, which regulate the availability of steroids within various tissues throughout the body. 17 beta-HSD13 is a 300 amino acid secreted protein that is highly expressed in liver and is also detected in ovary, bone marrow, kidney, brain, lung, skeletal muscle, bladder and testis. The gene encoding 17 beta-HSD13 maps to chromosome 4, which houses nearly 6% of the human genome and has the largest gene deserts (regions of the genome with no protein encoding genes) of all of the human chromosomes. Defects in some of the genes located on chromosome 4 are associated with Huntington's disease, Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.**Applications:** WB (1:500-2000)**Flow-Cyt** (1ug/Test)**Reactivity:** Human**Predicted**
MW.: 34 kDa**Subcellular**
Location: Secreted**— VALIDATION IMAGES —**

Sample: Lane 1: Human U-2 OS cell lysates Lane 2: Human HL-60 cell lysates Lane 3: Human SH-SY5Y cell lysates Lane 4: Human U937 cell lysates Lane 5: Human HepG2 cell lysates Primary: Anti-Phospho-HSD17B13 (Ser33) (bs-22308R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kDa Observed band size: 35 kDa



Blank control (black line) :HepG2. Primary Antibody (green line): Rabbit Anti-Phospho-HSD17B13 (Ser33) antibody (bs-22308R) 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.