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## SULT2B1 Mouse mAb

Catalog Number: bsm-51745M

Target Protein: SULT2B1

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: C11G7

Isotype: IgG1,K

Applications: **WB** (1:500-2000)

Reactivity: Human

Predicted MW: 41 kDa

Subcellular Cytoplasm

Locations:

Entrez Gene: 6820

Swiss Prot: O00204

Purification: affinity purified by Protein G

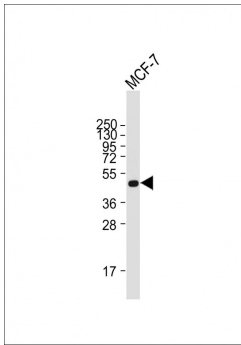
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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

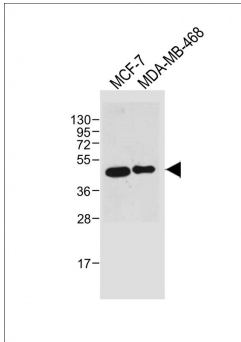
**Background:** Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described. [provided by RefSeq, Jul 2008]

### VALIDATION IMAGES

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Sample: Lane 1: MCF-7 cell lysates Primary: Anti-SULT2B1 (bsm-51745M) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 50 kD



Sample: Lane 1: MCF-7 cell lysates Lane 2: MDA-MB-468 cell lysates Primary: Anti-SULT2B1 (bsm-51745M) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 50 kD