

bsm-60913R**[Primary Antibody]****BioSS**
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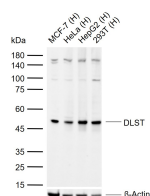
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DLST Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-1000) Reactivity: Human Predicted MW.: 49 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 12D7	
GeneID: 1743	SWISS: P36957	
Target: DLST		
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: The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO ₂ . The complex contains multiple copies of three enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3). DLST (dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial), also known as DLTS or 2-oxoglutarate dehydrogenase complex component E2, is a 453 amino acid protein belonging to the 2-oxoacid dehydrogenase family. DLST covalently binds one lipoyl cofactor and participates in L-lysine degradation via the saccharopine pathway. Localized to the mitochondrion, DLST forms a 24-polypeptide structural core with octahedral symmetry. The gene encoding DLST maps to human chromosome 14q24.3 and mouse chromosome 12 D2.		

— VALIDATION IMAGES —

Sample: Lane 1: Human MCF-7 cell lysates Lane 2: Human HeLa cell lysates Lane 3: Human HepG2 cell lysates Lane 4: Human 293T cell lysates
Primary: Anti-DLST (bsm-60913R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 49 kDa Observed band size: 49 kDa