

bsm-61523R

[Primary Antibody]

HSD17B10 Recombinant Rabbit mAb

Bioss
ANTIBODIES

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DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 4H15

GeneID: 3028

SWISS: Q99714

Target: HSD17B10

Immunogen: A synthesized peptide derived from human HSD17B10: 200-261/261.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Mitochondrial dehydrogenase involved in pathways of fatty acid, branched-chain amino acid and steroid metabolism. Acts as (S)-3-hydroxyacyl-CoA dehydrogenase in mitochondrial fatty acid beta-oxidation, a major degradation pathway of fatty acids. Catalyzes the third step in the beta-oxidation cycle, namely the reversible conversion of (S)-3-hydroxyacyl-CoA to 3-ketoacyl-CoA. Preferentially accepts straight medium- and short-chain acyl-CoA substrates with highest efficiency for (3S)-hydroxybutanoyl-CoA.

Applications: WB (1:500-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

Flow-Cyt (1:50-100)

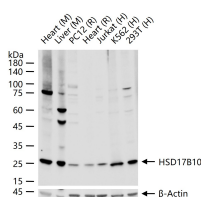
ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

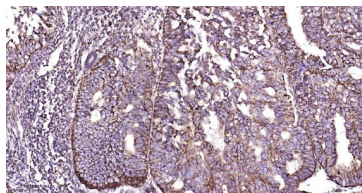
**Predicted
MW.:** 27

**Subcellular
Location:** Cytoplasm

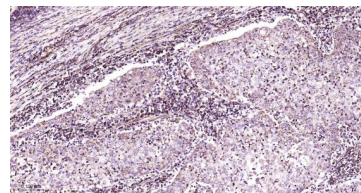
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with HSD17B10 monoclonal antibody, unconjugated (bsm-61523R) 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 HSD17B10 Monoclonal Antibody, Unconjugated (bsm-61523R) 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 Gastric Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with HSD17B10 Monoclonal Antibody, Unconjugated (bsm-61523R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.