

bsm-63326M

[Primary Antibody]

CD15/SSEA1 Mouse mAb

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ANTIBODIES

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— DATASHEET —

Host: Mouse

Clonality: Monoclonal

Target: CD15/SSEA1

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 Lewis histo-blood group system comprises a set of fucosylated glycosphingolipids that are synthesized by exocrine epithelial cells and circulate in body fluids. The glycosphingolipids function in embryogenesis, tissue differentiation, tumor metastasis, inflammation, and bacterial adhesion. They are secondarily absorbed to red blood cells giving rise to their Lewis phenotype. This gene is a member of the fucosyltransferase family, which catalyzes the addition of fucose to precursor polysaccharides in the last step of Lewis antigen biosynthesis. It encodes an enzyme with alpha(1,3)-fucosyltransferase and alpha(1,4)-fucosyltransferase activities. Mutations in this gene are responsible for the majority of Lewis antigen-negative phenotypes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq].

Isotype: IgG1

CloneNo.: 11B2

Applications: IHC-P (1:20-100)

IHC-F (1:20-100)

IF (1:20-100)

Flow-Cyt (1:100-200)

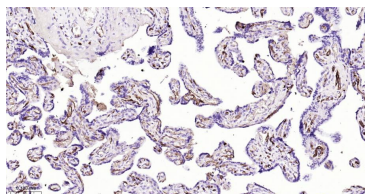
ICC/IF (1:20-100)

Reactivity: Human, Rat

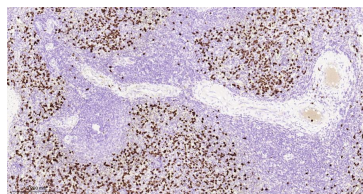
Subcellular Cell membrane ,Cytoplasm

Location: ,Nucleus

— VALIDATION IMAGES —



Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD15/SSEA1 Monoclonal Antibody, Unconjugated(bsm-63326M) at 1:100 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD15/SSEA1 Monoclonal Antibody, Unconjugated(bsm-63326M) at 1:100 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.