

Mouse Anti-human CD15 (SSEA-1)antibody

SLM-30016M

Product Name human CD15 (SSEA-1)

Chinese Name 小鼠抗人 CD15 单克隆抗体

Alias Stage-Specific Embryonic Antigen 1, X-hapten, Lewis X, 3-FAL, CD15, SSEA1, SSEA-1

Immunogen Species Mouse

Clonality Monoclonal

Clone NO. 15F2

React Species Human

Flow-Cyt=1:50-100 (Paraffin sections need antigen repair)

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Cellular localization cytoplasmic

Form Liquid

Concentration 1mg/ml

immunogen Mouse F9 Teratocarcinoma Stem Cells (X-irradiated)

Lsotype Mouse Ig1, k

Purification Affinity purified by Protein G

Buffer Solution 1M TBS(pH=7.4)

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

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product Detail

The CD15 antibody reacts with mouse and human Stage-Specific Embryonic Antigen-1 (SSEA-1). It is a Lewis blood group related carbohydrate antigen, also known as X-hapten, Lewis X, 3-FAL, 3-fucosyl-N-acetyllactosamine, or CD15. The expression pattern of SSEA-1 antigen is different in humans than in mice. In mice, SSEA-1 is expressed on embryonic stem cells (ES), embryonal carcinoma cells (EC), 8-cell to blastocyst embryos, and a subset of embryonic inner cell mass. The expression on murine ES cells is decreased upon differentiation. In humans, however, SSEA-1 is not found on undifferentiated ES

cells, but its expression is upregulated along with differentiation. CD15 is highly expressed on adult human granulocytes. It has been reported that SSEA-1 plays a role in cell adhesion and regulation of cell differentiation.

SWISS:

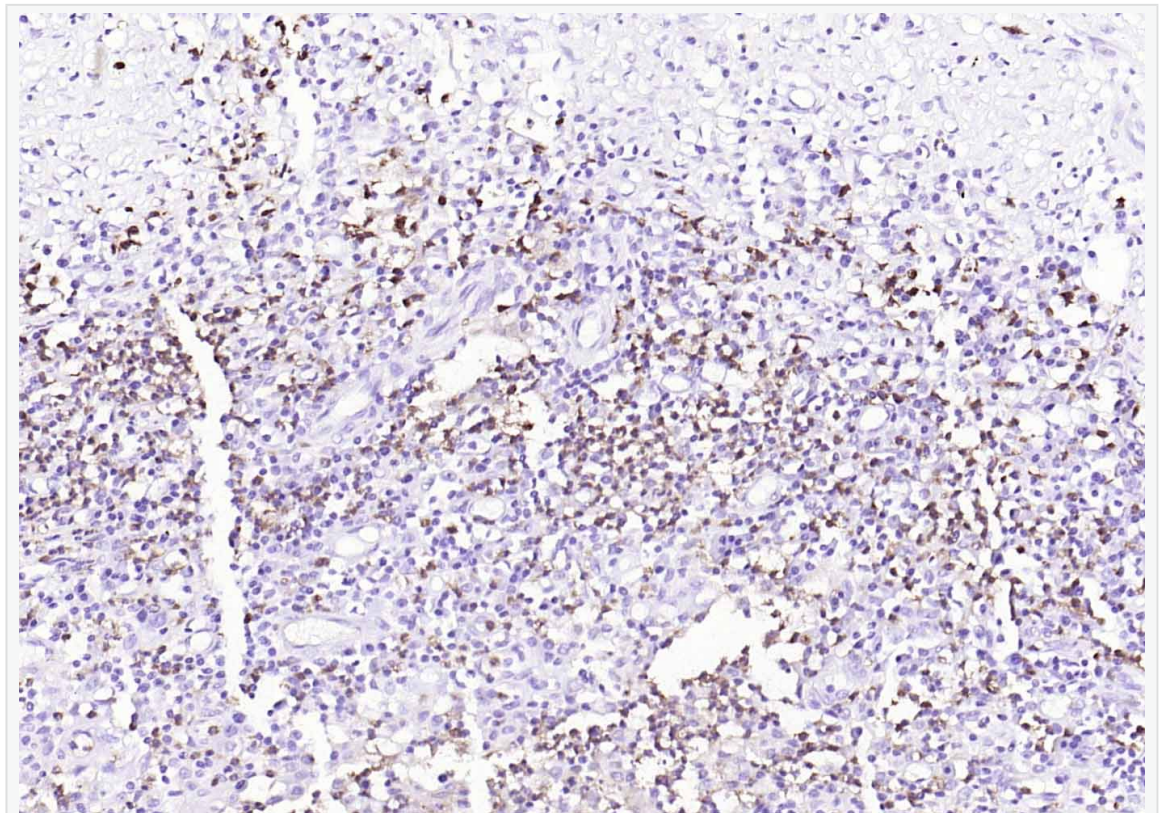
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Gene ID:

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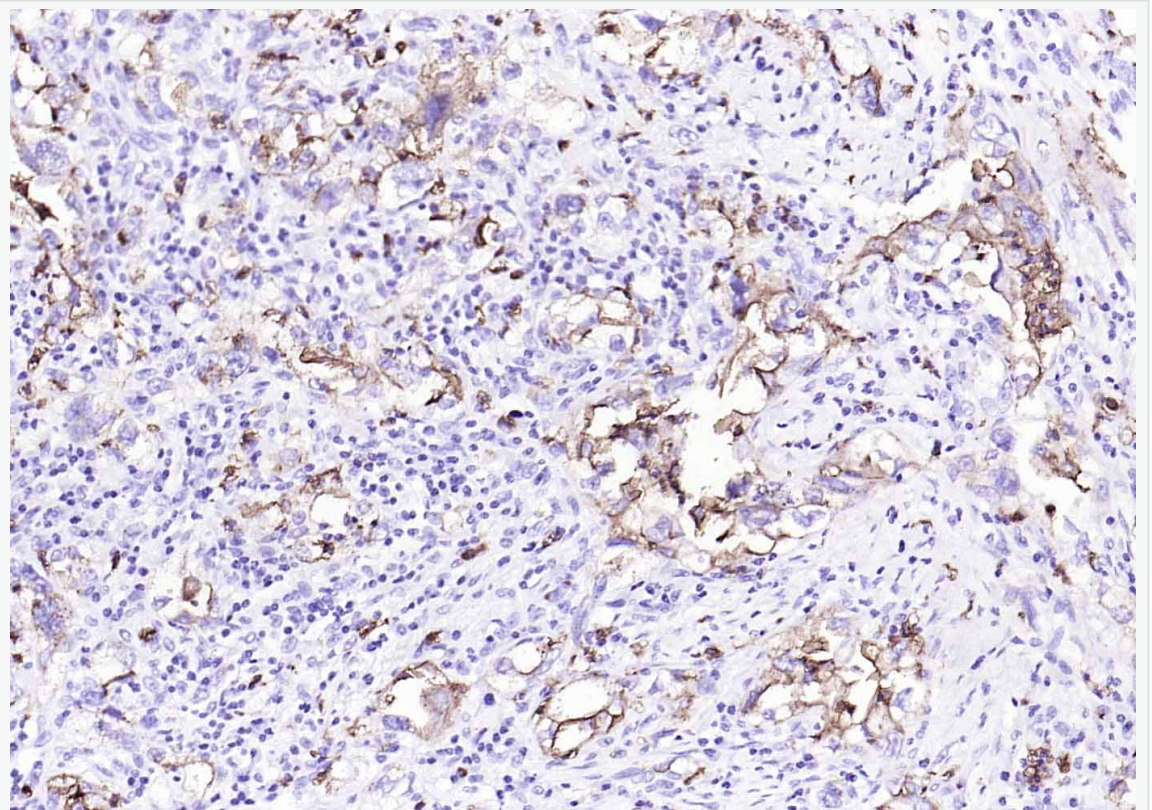
Database links:

**Product
Picture**



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (human CD15 (SSEA-1))

Monoclonal Antibody, Unconjugated (SLM-30016M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (human CD15 (SSEA-1)) Monoclonal Antibody, Unconjugated (SLM-30016M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB



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staining.