

## Datasheet

### BSG monoclonal antibody, clone UM-8D6

**Catalog Number:** MAB6893

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against native BSG.

**Clone Name:** UM-8D6

**Immunogen:** Native purified BSG from human T cell line Molt 13.

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IHC-Fr, IP  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody inhibits homotypic aggregation, adhesion to matrix proteins and migration through matrigel.

**Form:** Liquid

**Isotype:** IgG1

**Recommend Usage:** The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate)

**Storage Instruction:** Store at 4°C.

**Entrez GeneID:** 682

**Gene Symbol:** BSG

**Gene Alias:** 5F7, CD147, EMMPRIN, M6, OK, TCSF

**Gene Summary:** The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

#### References:

1. The pattern of expression of CD147/neurothelin during human T-cell ontogeny as defined by the monoclonal antibody 8D6. Kirsch AH, Diaz LA Jr, Bonish B, Antony PA, Fox DA. Tissue Antigens. 1997 Aug;50(2):147-52.