

Product datasheet for **TA501189**

CD147 (BSG) Mouse Monoclonal Antibody [Clone ID: OTI10E10]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI10E10 |
| Applications: | FC, IF, WB |
| Recommended Dilution: | WB 1:500~2000, IF 1:100, FLOW 1:100 |
| Reactivity: | Human, Dog, Rat, Monkey |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human BSG (NP_001719) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 40.2 kDa |
| Gene Name: | basigin (Ok blood group) |
| Database Link: | NP_001719 Entrez Gene 25246 Rat Entrez Gene 476758 Dog Entrez Gene 721068 Monkey Entrez Gene 682 Human P35613 |
| Background: | 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] |

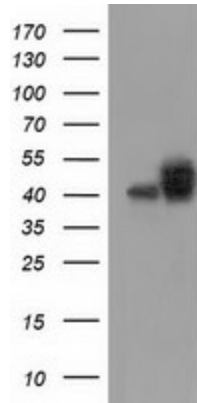


[View online »](#)

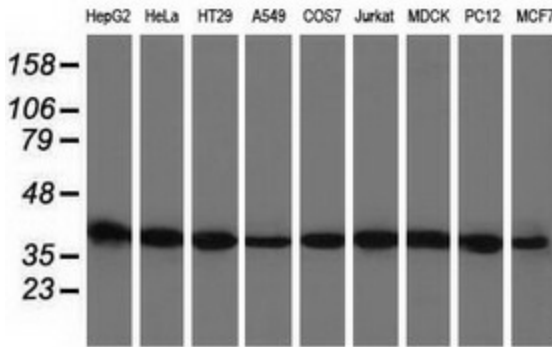
Synonyms: 5F7; CD147; EMMPRIN; OK; TCSF

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

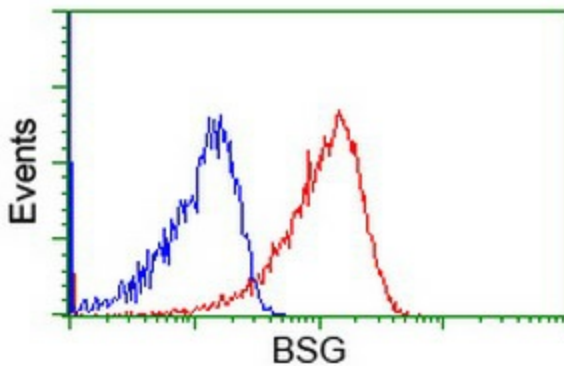
Product images:



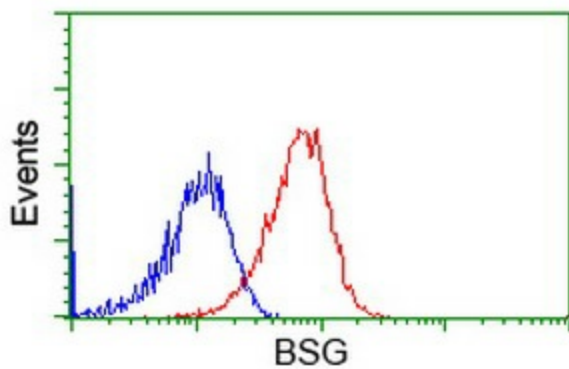
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY BSG (Cat# [RC219464], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BSG (Cat# TA501189). Positive lysates [LY419777] (100ug) and [LC419777] (20ug) can be purchased separately from OriGene.



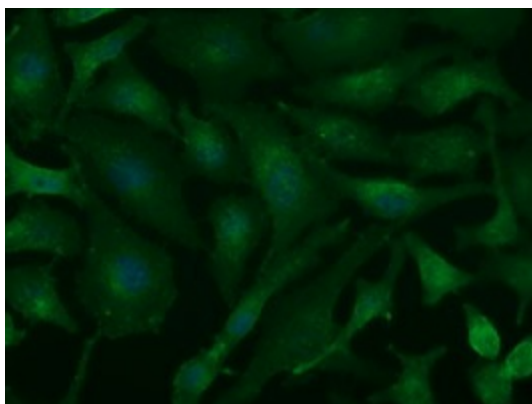
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-BSG monoclonal antibody.



Flow cytometric Analysis of Jurkat cells, using anti-BSG antibody (TA501189), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of HeLa cells, using anti-BSG antibody (TA501189), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Immunofluorescent staining of HeLa cells using anti-BSG mouse monoclonal antibody (TA501189).