

## Product datasheet for TA501190

### CD147 (BSG) Mouse Monoclonal Antibody [Clone ID: OTI5D8]

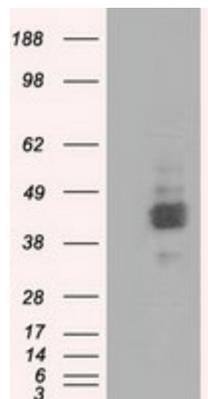
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5D8
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:200 - 1:1000, IHC 1:50, IF 1:100, FLOW 1:100
Reactivity:	Human
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:	0.88 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	40.2 kDa
Gene Name:	basigin (Ok blood group)
Database Link:	<a href="#">NP_001719 Entrez Gene 682 Human</a>
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.
Synonyms:	5F7; CD147; EMMPRIN; OK; TCSF
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

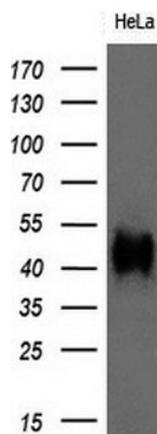


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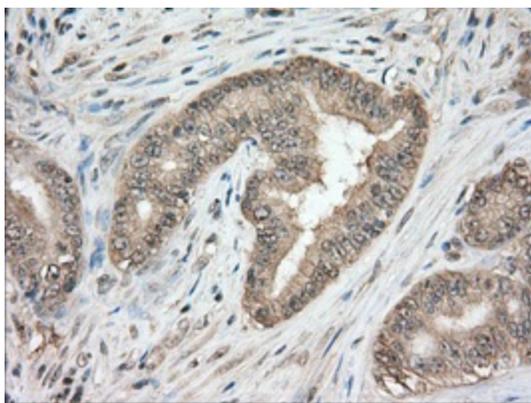
## Product images:



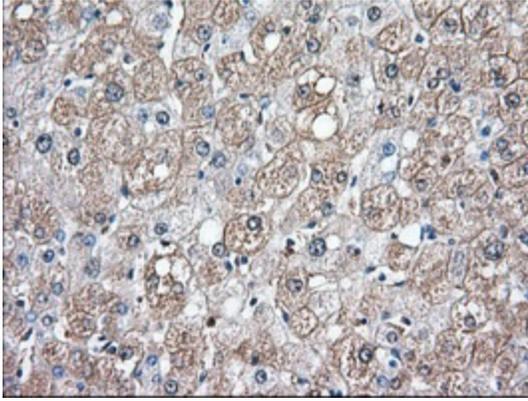
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BSG ([RC219464], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BSG. Positive lysates [LY419777] (100ug) and [LC419777]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



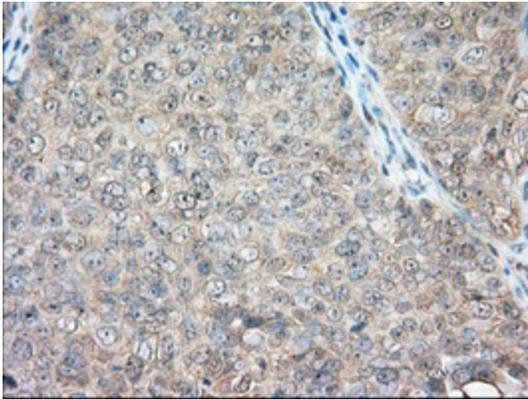
Western blot analysis of extracts (10ug) from 1 cell line by using anti-BSG monoclonal antibody at 1:200.



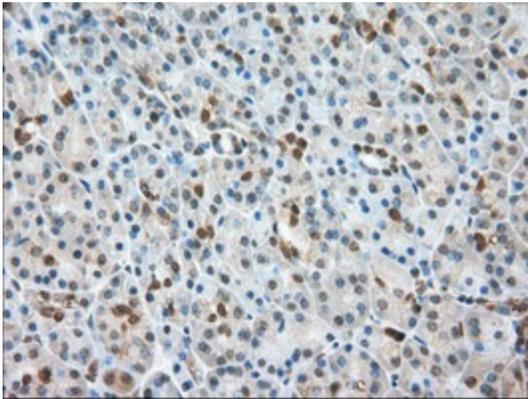
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-BSG mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501190, Dilution 1:50)



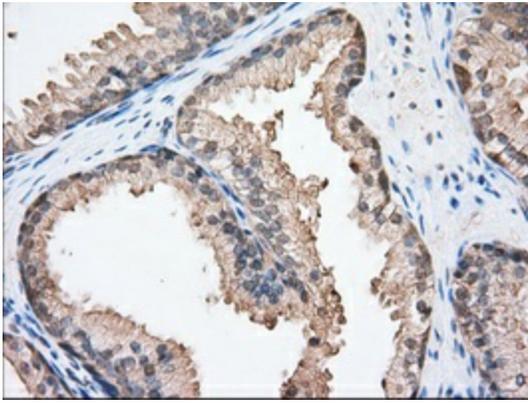
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-BSG mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501190, Dilution 1:50)



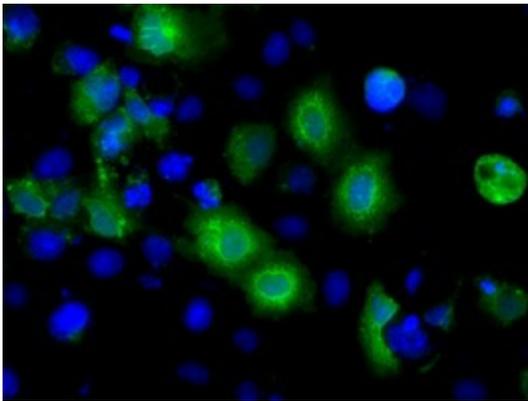
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-BSG mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501190, Dilution 1:50)



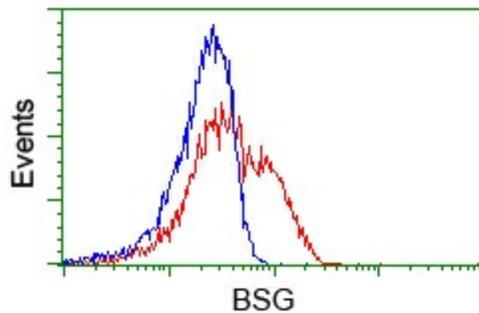
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-BSG mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501190, Dilution 1:50)



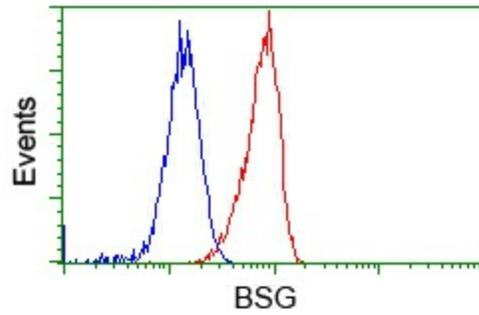
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-BSG mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501190, Dilution 1:50)



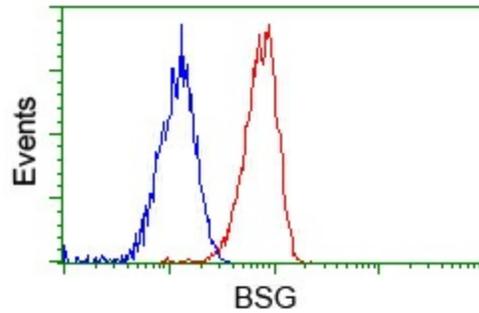
Anti-BSG mouse monoclonal antibody (TA501190) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY BSG ([RC219464]).



HEK293T cells transfected with either [RC219464] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-BSG antibody (TA501190), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-BSG antibody (TA501190), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-BSG antibody (TA501190), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).