

## Product datasheet for **TA354245**

### CD147 (BSG) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	WB 0.1-1 µg/ml ELISA N/A IP N/A IHC 2-10 µg/ml FC Not tested
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of full length of human CD147.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27 kDa
Gene Name:	basigin (Ok blood group)
Database Link:	<a href="#">NP_001309172</a> <a href="#">Entrez Gene 682 Human</a> <a href="#">P35613</a>
Background:	CD147 or EMMPRIN (extracellular matrix metalloproteinase inducer) is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. This protein is also a member of the immunoglobulin super-family, it is a 58kDa protein with two immunoglobulin domains that was originally purified from the plasma membrane of the human LX-1 lung carcinoma cell line. CD147 has been localized on the outer surface of tumor cells, where it interacts with fibroblasts to stimulate the expression of matrix metalloproteinases (MMPs). CD147 inhibition has been proposed as a novel strategy in the prevention of cancer invasion and metastasis.
Synonyms:	5F7; CD147; EMMPRIN; OK; TCSF
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



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