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BSG Polyclonal Antibody

Cat #: G-AB-05412

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
BSG,also named as 5F7,Basigin,EMMPRIN,TCSF and CD147,plays pivotal roles in spermatogenesis,embryo implantation,neural network formation and tumor progression. It stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS).CD147 may target monocarboxylate transporters SLC16A1,SLC16A3 and SLC16A8 to plasma membranes of retinal pigment epithelium and neural retina. It seems to be a receptor for oligomannosidic glycans. CD147 is a receptor of CypA,inducing matrix metalloproteinase expression and mediating the degradation of the extracellular matrix,plays an important role in tumorigenesis and invasion in oral cancer. It has been considered as an objective and effective marker to predict invasion and prognosis in various cancers.

Gene ID:

Accession #:

Immunogen: Recombinant protein corresponding to Mouse CD147

Conjugation: Unconjugated

Swissprot: P35613,P18572,P26453

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 370 g/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: IHC

Dilution: IHC 1:200-1:500

Storage: Store at -20°C. Avoid freeze / thaw cycles.