BSG Polyclonal Antibody

catalog number: E-AB-70271

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

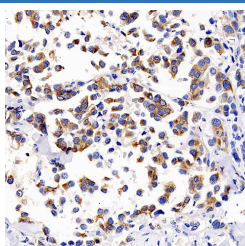|	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse CD147
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

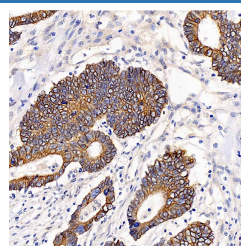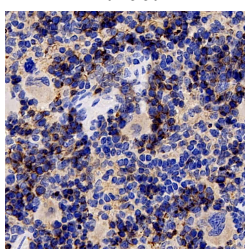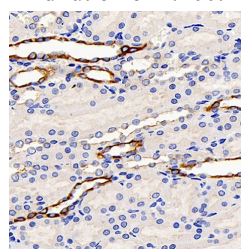| Applications	Recommended Dilution
IHC	1:200-1:500

Data

Immunohistochemistry analysis of paraffin-embedded human lung cancer using BSG Polyclonal Antibody at dilution of 1:200.

Immunohistochemistry analysis of paraffin-embedded human colon cancer using BSG Polyclonal Antibody at dilution of 1:200.

Immunohistochemistry analysis of paraffin-embedded rat spleen using BSG Polyclonal Antibody at dilution of 1:200.

Immunohistochemistry analysis of paraffin-embedded Mouse kidney using BSG Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20℃ Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

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.