

CD147/BSG Antibody

CAB1566

Description

This CD147/BSG Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB1566
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	OK, 5F7, TCSF, CD147, EMPRIN, HAb18G, EMMPRIN, CD147/BSG
Clone:	-
Applications:	WB IHC-P IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	682
Uniprot:	AB_2763067
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	38-65kDa
Calculated MW:	42kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

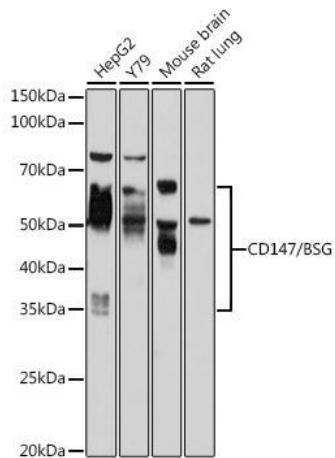
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Y79, Mouse brain, Rat brain

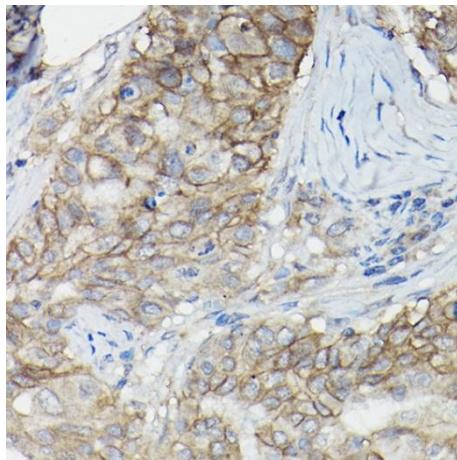
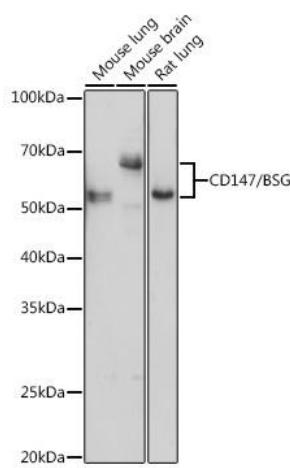
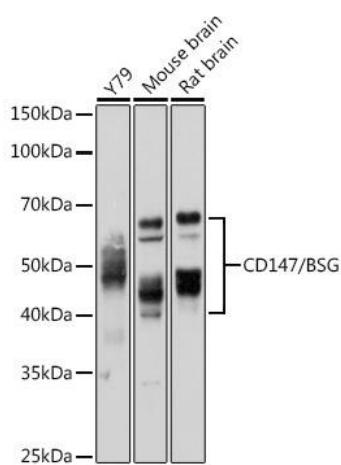
Recommended Dilutions:	WB	1:500 - 1:1000
	IHC-P	1:50 - 1:200
	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

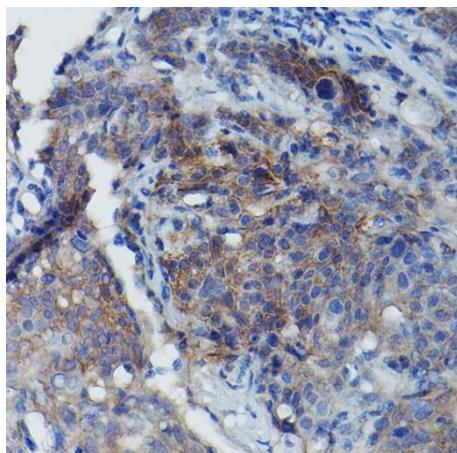
Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data

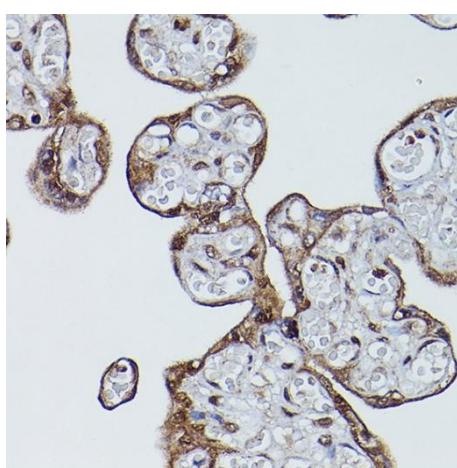


Western blot analysis of various lysates using BSG Rabbit pAb (CAB1566) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.

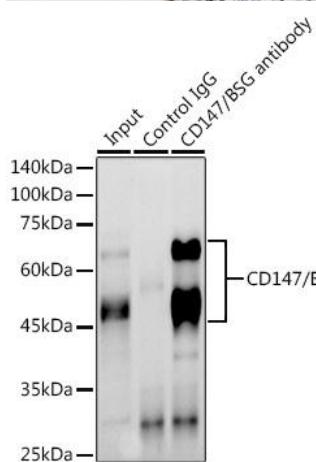




Immunohistochemistry analysis of paraffin-embedded Human cervix cancer using BSG Rabbit pAb (CAB1566) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using BSG Rabbit pAb (CAB1566) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunoprecipitation analysis of 600 µg extracts of Mouse brain using 3 µg /BSG antibody (CAB1566). Western blot was performed from the immunoprecipitate using /BSG antibody (CAB1566) at a dilution of 1:1000.