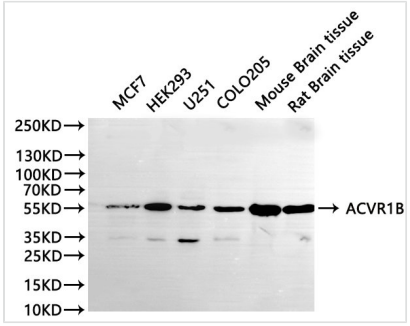
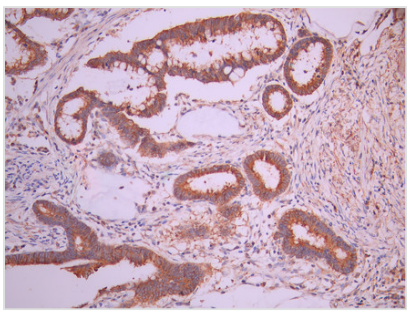
ACVR1B Recombinant Monoclonal Antibody

Product Code	CSB-RA053883A0HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P36896
Immunogen	A synthesized peptide from human ACVR1B protein
Species Reactivity	Human, Mouse, Rat
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200, IF:1:50-1:200
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Target Names	ACVR1B
Clone No.	1D1

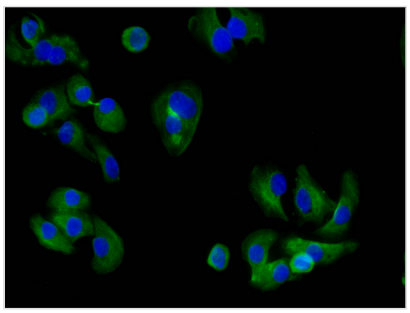
Image



Western Blot
, Positive WB detected in:MCF7 whole cell lysate(30µg), HEK293 whole cell lysate(30µg), U251 whole cell lysate(30µg), COLO205 whole cell lysate(30µg), Mouse brainr tissue lysate(30µg), Rat brain lysate(30µg)
All lanes: ACVR1B antibody at 1:1000
Secondary
Goat polyclonal to rabbit IgG at 1/40000 dilution
Predicted band size: 57 kDa
Observed band size: 57 kDa
Exposure time?30s



IHC image of CSB-RA053883A0HU diluted at 1:100 and staining in paraffin-embedded human gastric cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



Immunofluorescence staining of A549 cell with CSB-RA053883A0HU at 1:50 , counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Fluorescein Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Usage For Research Use Only. Not for use in diagnostic or therapeutic procedures.