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Product datasheet for TA502663S

BCAR1 Mouse Monoclonal Antibody [Clone ID: OTI1B1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1B1
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human BCAR1 (NP_055382) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.74 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	93.2 kDa
Gene Name:	BCAR1 scaffold protein, Cas family member
Database Link:	NP_055382 Entrez Gene 12927 MouseEntrez Gene 25414 RatEntrez Gene 479648 DogEntrez Gene 713965 MonkeyEntrez Gene 9564 Human P56945
Background:	BCAR1, or CAS, is an Src (MIM 190090) family kinase substrate involved in various cellular events, including migration, survival, transformation, and invasion (Sawada et al., 2006 [PubMed 17129785]). [supplied by OMIM]
Synonyms:	CAS; CAS1; CASS1; CRKAS; P130Cas

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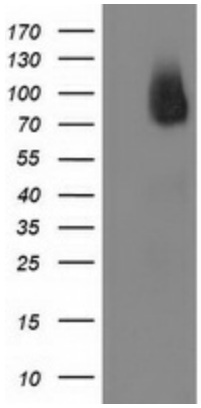
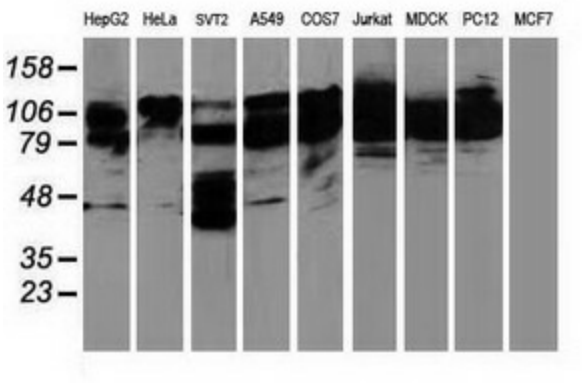
Protein Families: Druggable Genome

Protein Pathways: Chemokine signaling pathway, Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton

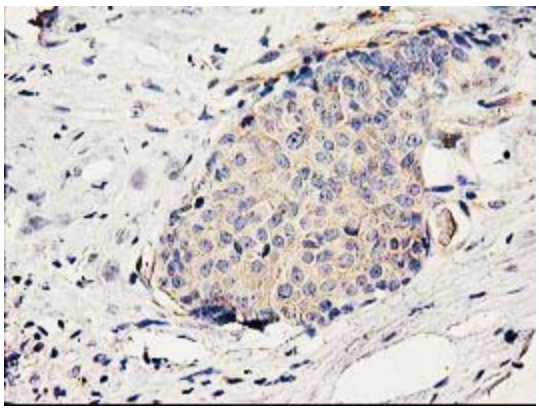
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BCAR1 ([RC209133], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BCAR1. Positive lysates [LY415204] (100ug) and [LC415204] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-BCAR1 monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-BCAR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502663])

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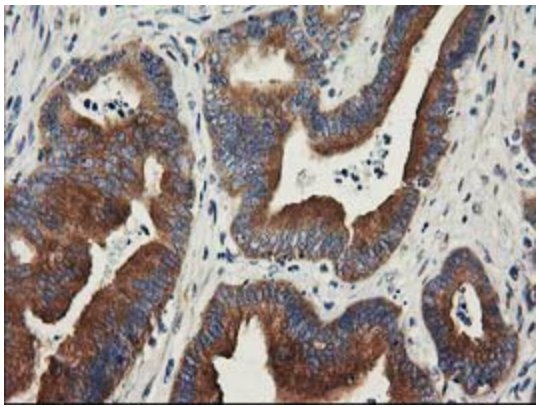
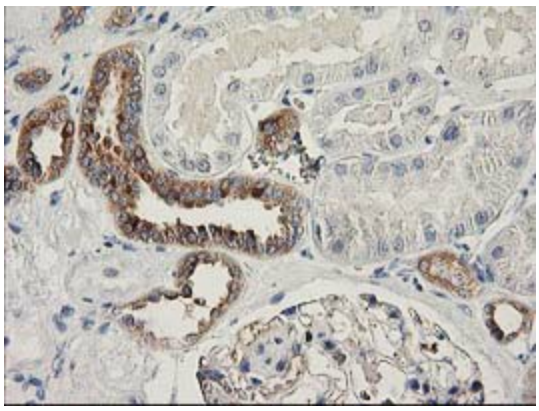
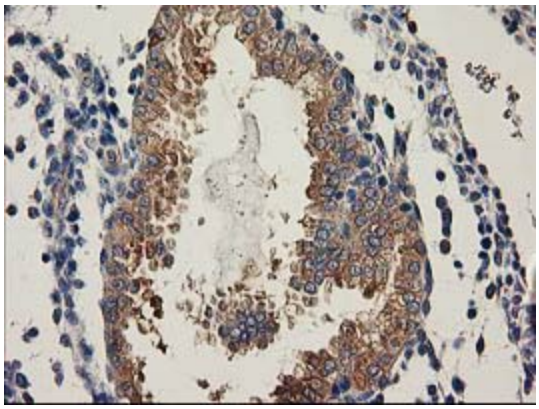


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-BCAR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502663])



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-BCAR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502663])



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-BCAR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502663])

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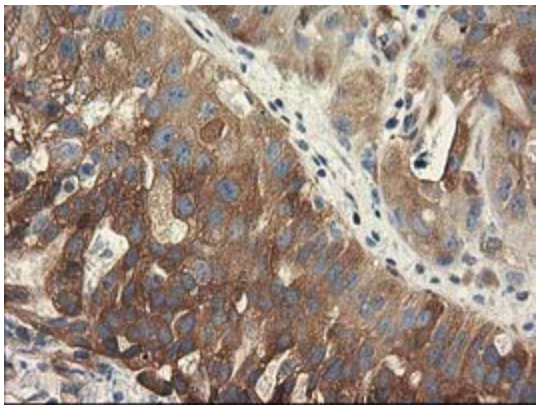
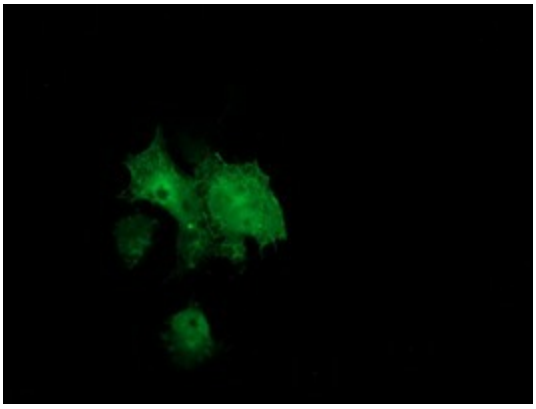
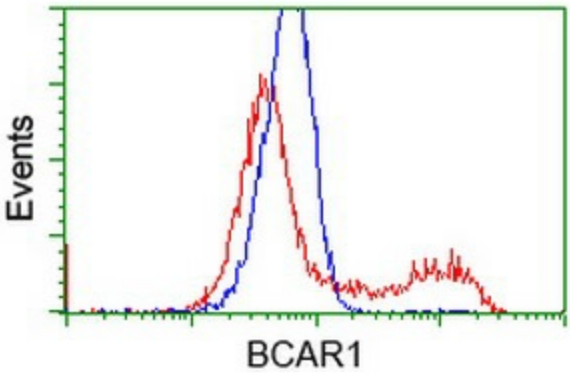


Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-BCAR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502663])



Anti-BCAR1 mouse monoclonal antibody ([TA502663]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY BCAR1 ([RC209133]).



HEK293T cells transfected with either [RC209133] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-BCAR1 antibody ([TA502663]), and then analyzed by flow cytometry.

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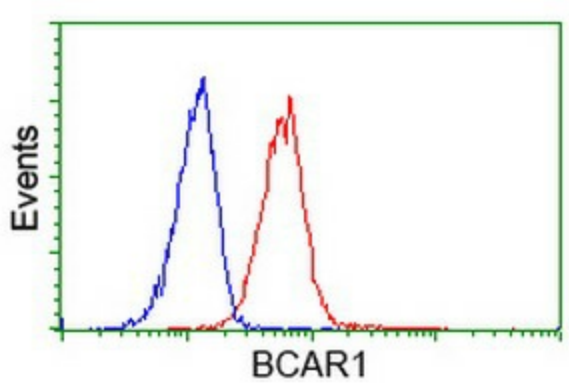
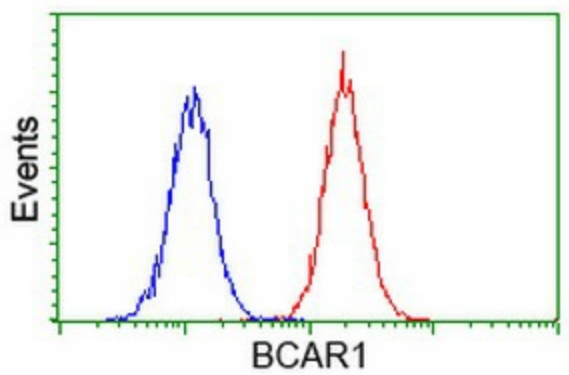


Flow cytometric Analysis of Hela cells, using anti-BCAR1 antibody ([TA502663]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-BCAR1 antibody ([TA502663]), (Red), compared to a nonspecific negative control antibody, (Blue).

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