

BCAR1 mouse monoclonal antibody (hybridoma)

Catalog # H00009564-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant BCAR1.
Immunogen	BCAR1 (AAH62556.1, 1 a.a. ~ 870 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNHLNVLAKALYDNVAESPDELSFRKGDIMTVLEQDTQGLDGGWWLCSLHGRQGMPGNRLKILVG MYDKKPAGPGSGPPATPAQPQPLHAPAPPASQYTPMLPNTYQPQPDVYLVPVTPSKAQQGLY QVPGPSPQFQSPPAKQTSTFSKQTPHHPFPNPATDLYQVPPGPGGPAQDIQVPPSAGMGHDY QVPPSMDTRSWEGTKPPAKVVVPTRVGQGYVYEAQPEQDEYDIPRHLLAPGPQDIYDVPPVRG LLPSQYGQEVYDTPPMVKGPNRDPLELVYDVPPSVEKGLPPSNHHAVYDVPPSVSKDVPDG PLLREETYDVPPAFKAKPFDPARTPLVLAAPPPDSPPAEDVYDVPPPAPDLYDVPPGLRRPGP GTLYDVPRERVLPPEVADGGVVD SGVYAVPPAEREAPAEGKRLSASSTGSTRSSQSASSLEV AGPGREPLELEVAVEALARLQQGVSATVAHLLDLAGSAGATGSWRSPSEPQEPLVQDLQAAVA AVQSAVHELLEFARSAVGNAHTSDRALHAKLSRQLQKMEDVHQLVAHGQALDAGRGGSGAT LEDLDRLVACSRVPEDAKQLASFLHGNASLLFRRTKATAPGEGGGTLHPNPTDKTSSIQSRPL PSPPKFTSQDSPDGQYENSEGGWMEDYDVHLQGKEFEKTQKELLEKGSITRQGKSQLELQQ LKQFERLEQEVSRPIDHLANWTPAQPLAPGRTGGLGPSDRQLLLFYLEQCEANLTTLTNAVDAF FTAVATNQPPKIFVAHSKFVILSAHKLFIGDTLSRQAKAADVRSQVTHYSNLLCDLLRGIVATTKA AALQYSPSPAQDMVERVKELGHSTQQFRRVLGQLAAA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (91)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — BCAR1

Entrez GeneID [9564](#)

GeneBank Accession# [BC062556.1](#)

Protein Accession# [AAH62556.1](#)

Gene Name BCAR1

Gene Alias CAS, CAS1, CASS1, CRKAS, P130Cas

Gene Description breast cancer anti-estrogen resistance 1

Omim ID [602941](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 1712 9785]).[supplied by OMIM]

Other Designations Cas scaffolding protein family member 1|Crk-associated substrate p130Cas

Pathway

- [Chemokine signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Genetic Predisposition to Disease](#)