

Bcar1 monoclonal antibody, clone M144

Catalog # MAB1386

Size 100 uL

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant Bcar1.
Immunogen	Recombinant protein corresponding to C-terminus of rat Bcar1.
Host	Mouse
Reactivity	Chicken, Human, Mouse, Rat
Specificity	This rat sequence is highly conserved in human, mouse, and chicken p130 Cas.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA (1:2000) Immunocytochemistry (1:250) Immunoprecipitation (5-10 ul) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1 mg/mL BSA, 0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry

- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

Gene Info — Bcar1

Entrez GeneID	25414
Gene Name	Bcar1
Gene Alias	Cas, Crkas, P130CAS
Gene Description	breast cancer anti-estrogen resistance 1
Gene Ontology	Hyperlink
Other Designations	v-crk-associated tyrosine kinase substrate

Publication Reference

- [Subsets of the major tyrosine phosphorylation sites in Crk-associated substrate \(CAS\) are sufficient to promote cell migration.](#)

Shin NY, Dise RS, Schneider-Mergener J, Ritchie MD, Kilkenny DM, Hanks SK.

The Journal of Biological Chemistry 2004 Sep; 279(37):38331.

Application: WB, Mouse, MEFs

- [Phosphorylation-dependent cleavage of p130cas in apoptotic rat-1 cells.](#)

Hoon Kim D, Jeon Choi S, Kook S, Kim W, Keun Song W.

Biochemical and Biophysical Research Communications 2003 Jan; 300(1):141.

Application: WB-Ce, Rat, Rat-1 cells

- [Processive phosphorylation of p130Cas by Src depends on SH3-polyproline interactions.](#)

Pellicena P, Miller WT.

J Biol Chem 2001 Jun; 276(30):28190.