

Phospho BCKDHA (S292) Recombinant Monoclonal Antibody [BLR060F]

Rabbit Recombinant Monoclonal

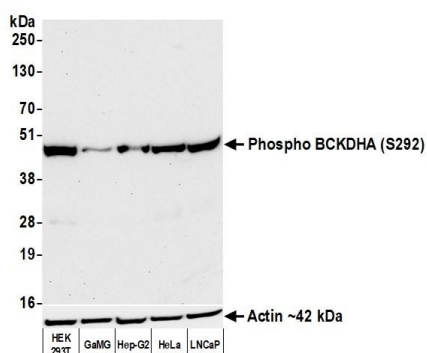
Purified		RefSeq ID	NP_000700.1
Catalog No.	A700-060-T	Uniprot ID	P12694
Lot No.	3	GeneID	593

APPLICATIONS	WB, SW-Size
SPECIES REACTIVITY	Human, Mouse
AMOUNT	20 µl (2 blots)
CONCENTRATION	40 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR060F
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide surrounding phosphorylated serine 292 of mitochondrial human Branched Chain Keto Acid Dehydrogenase E1, Alpha polypeptide. Using the numbering given for the precursor protein of entry NP_000700.1 (GeneID 593), the phosphorylated serine corresponds to residue 337.

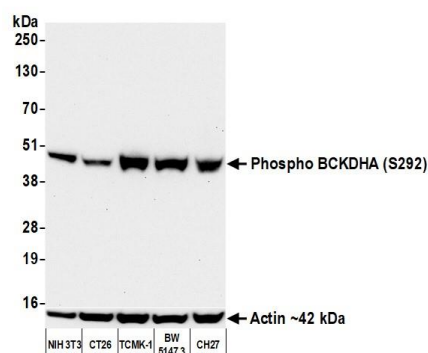
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:1000 Simple Western™-Size 1:10 – 1:250
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ADDITIONAL INFO	https://www.fortislife.com/p/A700-060-T Use the link above to view SDS, a current list of citations, and other product specific information.
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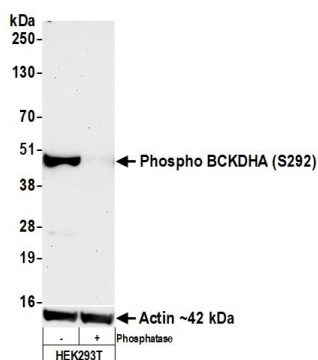
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: April 12, 2023



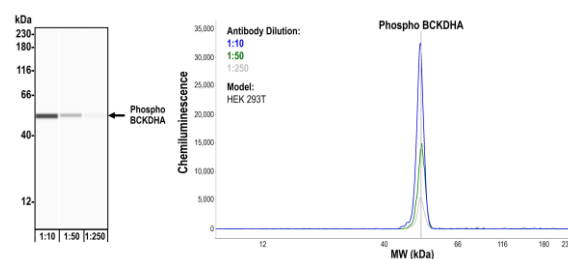
Detection of human Phospho BCKDHA (S292) by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T, GaMG, Hep-G2, HeLa, and LNCaP cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-Phospho-BCKDHA-S292 recombinant monoclonal antibody [BLR060F] (A700-060 lot 3) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



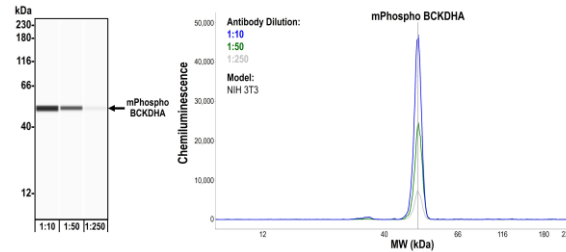
Detection of mouse Phospho BCKDHA (S292) by western blot. *Samples:* Whole cell lysate (50 µg) from NIH 3T3, CT26, TCMK-1, BW5147.3, and CH27 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-Phospho BCKDHA (S292) recombinant monoclonal antibody [BLR060F] (A700-060 lot 3) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human Phospho BCKDHA (S292) by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T cells mock treated (-) or treated with phosphatases (+). *Antibody:* Rabbit anti-Phospho BCKDHA (S292) recombinant monoclonal antibody [BLR060F] (A700-060 lot 3) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human pBCKDHA (S292) by Simple Western™. *Samples:* Whole cell lysate (0.08 mg/mL) from HEK293T cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-Phospho BCKDHA (S292) recombinant monoclonal antibody [BLR060F] (A700-060) used at 1:10, 1:50, and 1:250. *Separation and Detection:* SallySue ProteinSimple instrument with the 12-230 kDa separation module and anti-Rabbit detection module. Left Panel: Virtual Lane View. Right Panel: Electropherogram.



Detection of mouse pBCKDHA (S292) by Simple Western™. *Samples:* Whole cell lysate (0.4 mg/mL) from NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-Phospho BCKDHA (S292) recombinant monoclonal antibody [BLR060F] (A700-060) used at 1:10, 1:50, and 1:250. *Separation and Detection:* SallySue ProteinSimple instrument with the 12–230 kDa separation module and anti-Rabbit detection module. Left Panel: Virtual Lane View. Right Panel: Electropherogram.