abcam

Product datasheet

Mouse Loading Control Antibody Panel (Alexa Fluor® 680) ab199716

4 Images

Overview

Product name Mouse Loading Control Antibody Panel (Alexa Fluor® 680)

Product overview ab199716 is a sampler pack of loading control antibodies conjugated to Alexa Fluor® 680.

This panel contains sample sizes of primary antibodies against the following housekeeping targets: alpha Tubulin, GAPDH, and beta Actin.

The Mouse Loading Control Antibody Panel (Alexa Fluor® 680) is designed for validation and confirmation of western blot analysis when tested in conjunction with your proteins of interest.

Notes **Explore our range of antibody sample panels** designed to provide you with a variety of trial-size antibodies in a convenient and cost-effective format.

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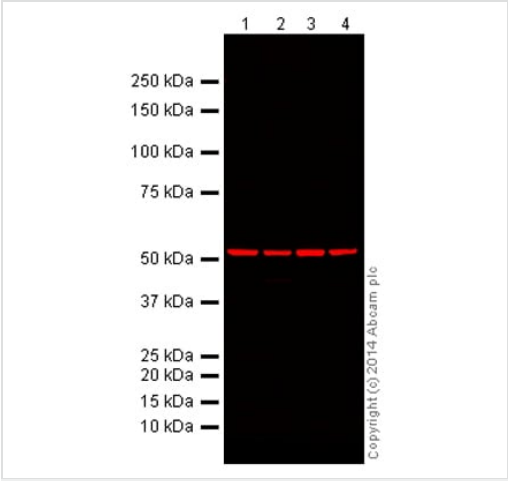
Properties

Storage instructions Store at -20°C. Please refer to protocols.

Components	1 units
ab184092 - Anti-beta Actin antibody [mAbcam 8226] - Loading Control (Alexa Fluor® 680)	1 x 40µg
ab184093 - Anti-alpha Tubulin antibody [DM1A] - Loading Control (Alexa Fluor® 680)	1 x 40µg
ab184095 - Anti-GAPDH antibody [mAbcam 9484] - Loading Control (Alexa Fluor® 680)	1 x 40µg

Images



Western blot - Mouse Loading Control Antibody Panel (Alexa Fluor® 680) (ab199716)

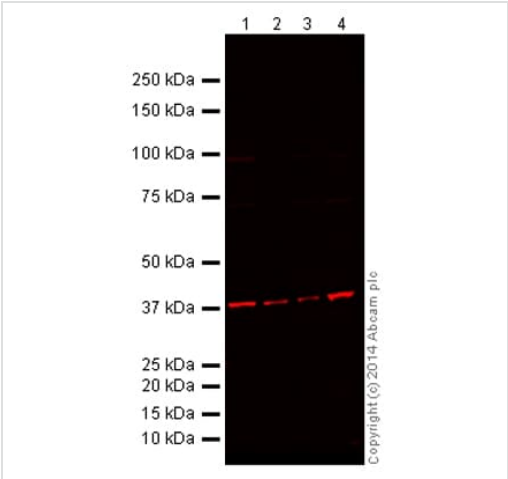
All lanes : Alexa Fluor® 680 Anti-alpha Tubulin antibody [DM1A] - Loading Control (**ab184093**) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate
Lane 2 : MCF7 (Human breast adenocarcinoma cell line) Whole Cell Lysate
Lane 3 : U2OS (Human osteosarcoma cell line) Whole Cell Lysate
Lane 4 : NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Observed band size: 50 kDa

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Milk before being incubated with **ab184093** overnight at 4°C. Antibody binding was detected after washing to remove excess antibody and imaged using the Licor Odyssey CLx.



Western blot - Mouse Loading Control Antibody Panel (Alexa Fluor® 680) (ab199716)

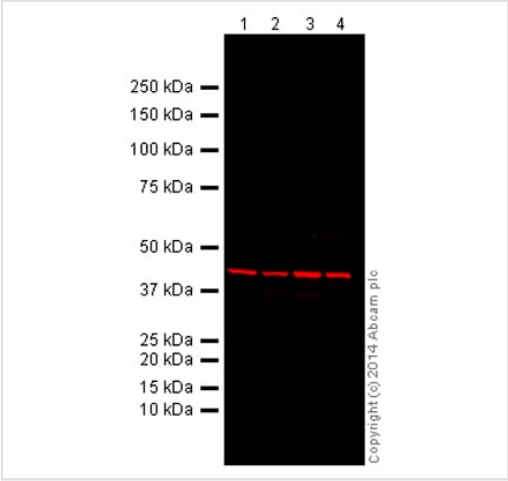
All lanes : Alexa Fluor® 680 Anti-GAPDH antibody [mAbcam 9484] - Loading Control (**ab184095**) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Nuclear Lysate
Lane 2 : A431 (Human epithelial carcinoma cell line) Whole Cell Lysate
Lane 3 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate
Lane 4 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Observed band size: 37 kDa

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Milk before being incubated with **ab184093** overnight at 4°C. Antibody binding was detected after washing to remove excess antibody and imaged using the Licor Odyssey CLx.



Western blot - Mouse Loading Control Antibody Panel (Alexa Fluor® 680) (ab199716)

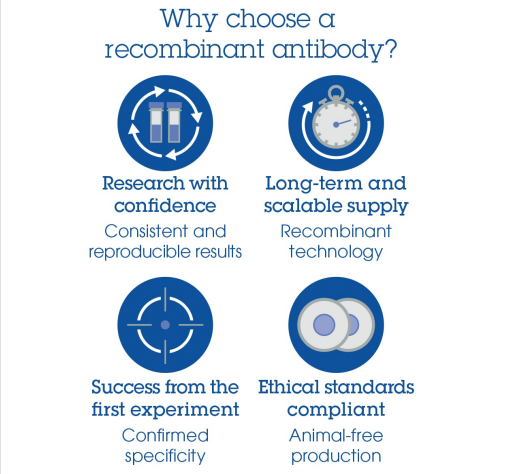
All lanes : Alexa Fluor® 680 Anti-beta Actin antibody [mAbcam 8226] - Loading Control (**ab184092**) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate
Lane 2 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate
Lane 3 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate
Lane 4 : NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Observed band size: 42 kDa

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Milk before being incubated with **ab184092** overnight at 4°C. Antibody binding was detected after washing to remove excess antibody and imaged using the Licor Odyssey CLx.



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