

Product datasheet

Mouse Loading Control Antibody Panel (Alexa Fluor® 790) ab200701

3 Images

Overview

**Product name** Mouse Loading Control Antibody Panel (Alexa Fluor® 790)

**Product overview** ab200701 is a sampler pack of loading control antibodies conjugated to Alexa Fluor® 790.

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® 790) 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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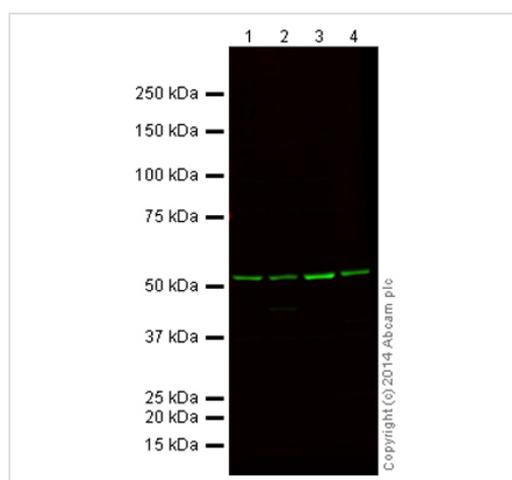
Properties

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

| Components   | 1 units  |
|--|----------|
| <a href="#">ab184577 - Anti-alpha Tubulin antibody [DM1A] - Loading Control (Alexa Fluor® 790)</a> | 1 x 40µg |

| Components  | 1 units  |
|---|----------|
| ab184576 - Anti-beta Actin antibody [mAbcam 8226] - Loading Control (Alexa Fluor®; 790) | 1 x 40µg |
| ab184578 - Anti-GAPDH antibody [mAbcam 9484] - Loading Control (Alexa Fluor®; 790)      | 1 x 40µg |

## Images



Western blot - Mouse Loading Control Antibody  
Panel (Alexa Fluor® 790) (ab200701)

**All lanes :** Anti-alpha Tubulin antibody [DM1A] - Loading Control (Alexa Fluor® 790) (ab184577) 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

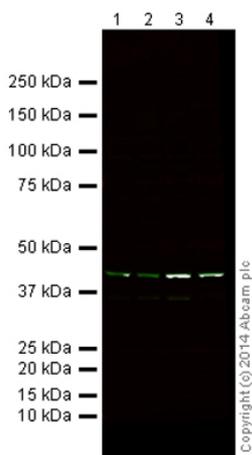
**Lane 4 :** NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

**Observed band size:** 52 kDa

[why is the actual band size different from the predicted?](#)

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 ab184577 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® 790) (ab200701)

**All lanes :** Anti-beta Actin antibody [mAbcam 8226] - Loading Control (Alexa Fluor® 790) ([ab184576](#)) 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

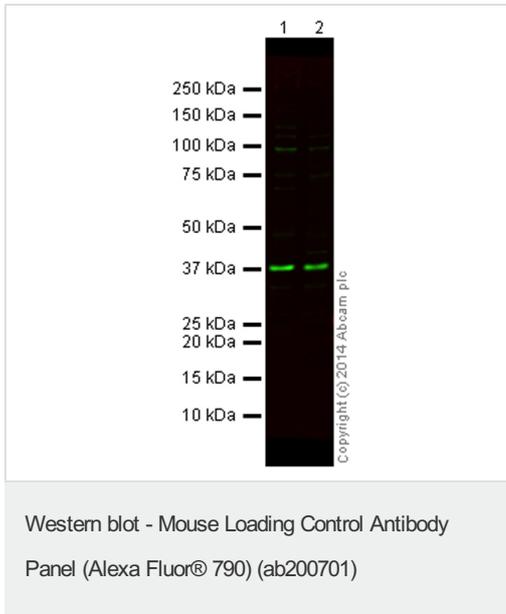
**Lane 3 :** HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

**Lane 4 :** NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

**Observed band size:** 42 kDa [why is the actual band size different from the predicted?](#)

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 [ab184576](#) overnight at 4°C. Antibody binding was detected after washing to remove excess antibody and imaged using the Licor Odyssey CLx.



**All lanes :** Anti-GAPDH antibody [mAbcam 9484] - Loading Control (Alexa Fluor® 790) ([ab184578](#)) at 1 µg/ml

**Lane 1 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 2 :** NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

**Observed band size:** 37 kDa [why is the actual band size different from the predicted?](#)

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 [ab184578](#) overnight at 4°C. Antibody binding was detected after washing to remove excess antibody and imaged using the Licor Odyssey CLx.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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