

Product datasheet

Anti-TRA-1-60 (R) antibody [TRA-1-60] ab16288

★★★★☆ 8 Abreviews 45 References 4 图像

概述

产品名称	Anti-TRA-1-60 (R)抗体[TRA-1-60]
描述	小鼠单克隆抗体[TRA-1-60] to TRA-1-60 (R)
宿主	Mouse
经测试应用	适用于: ICC/IF, Flow Cyt, WB, IP, ICC, RIA, IHC-Fr
种属反应性	与反应: Rabbit, Human
免疫原	Tissue, cells or virus corresponding to Human TRA-1-60 (R). Human embryonal carcinoma cell line 2102Ep cl.2A6.
常规说明	This antibody clone is manufactured by Abcam. If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact orders@abcam.com or you can find further information here .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: PBS, pH 7.4
纯度	Tissue culture supernatant
纯化说明	Tissue culture supernatant was cross flow concentrated and buffer exchanged to PBS
克隆	单克隆
克隆编号	TRA-1-60
骨髓瘤	P3x66Ag.8-Sp2/0
同种型	IgM

应用

Our [Abpromise guarantee](#) covers the use of **ab16288** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

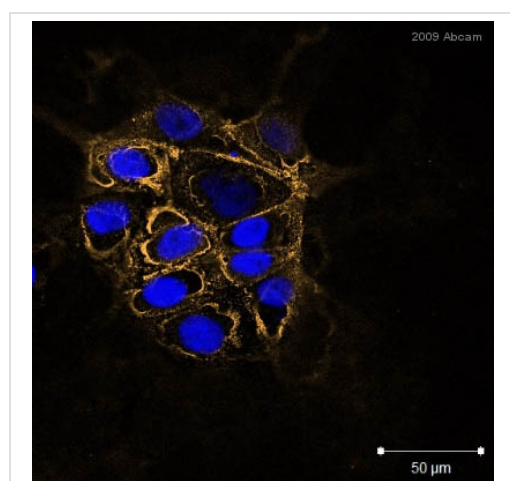
应用	Ab评论	说明
ICC/IF	★★★★★	Use at an assay dependent concentration. PubMed: 20674000
Flow Cyt	★★★★★	Use a concentration of 10 - 20 µg/ml. ab91545 - Mouse monoclonal IgM, is suitable for use as an isotype control with this antibody.
WB	★★★★★	Use a concentration of 1 - 10 µg/ml. Detects a band of approximately 250 kDa (predicted molecular weight: 235 kDa).
IP		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.
RIA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

靶标

相关性 The monoclonal antibody TRA-1-60 is a marker of Human Embryonic Stem, Germ and Carcinoma Cells but Not Mouse Embryonic Stem, Germ or Carcinoma Cells. The core protein recognised by TRA-1-60 has not been identified but the antibody is thought to recognise carbohydrate epitopes associated with a high molecular weight proteoglycan.

细胞定位 Cell Membrane

图片



ab16288 staining TRA-160 (R) in HUES7 cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with Triton and blocked in 10% serum for 1 hour at 24°C. Samples were incubated with primary antibody, dilution 1/500 (1% serum, 0.1% Triton in PBS), for 1 hour at 37°C. An Alexa Fluor[®] 647-conjugated goat polyclonal to mouse IgG, dilution 1/100, was used as secondary antibody.

Immunocytochemistry/ Immunofluorescence - Anti-TRA-1-60 (R) antibody [TRA-1-60] (ab16288)

This image is courtesy of an Abreview submitted by Ms Fiona Lewis



Western blot - Anti-TRA-1-60 (R) antibody [TRA-1-60] (ab16288)

All lanes : Anti-TRA-1-60 (R) antibody [TRA-1-60] (ab16288) at 10 µg/ml

Lane 1 : Human Embryonic Stem Cell Lysate

Lane 2 : Mouse Embryonic Stem Cell Lysate

Lysates/proteins at 20 µg per lane.

Secondary

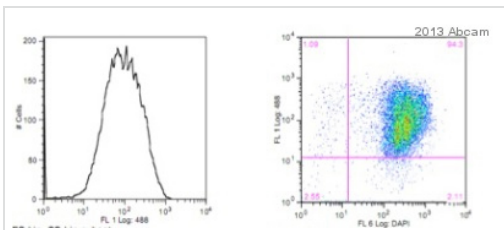
All lanes : Goat F(ab')₂ Anti-Mouse IgM mu chain (HRP) (ab5930) at 1/5000 dilution

Predicted band size: 235 kDa

Observed band size: 250 kDa

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

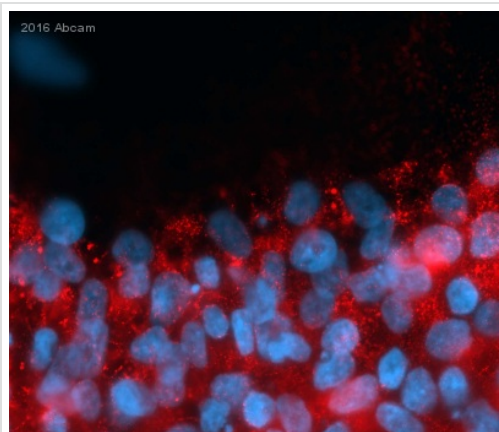
As expected, ab16288 recognizes a band in Human Embryonic Stem Cell Lysate but not Mouse Embryonic Stem Cell Lysate. The smear above the main band is due to protein glycosylation. The Western Blot profile is as expected for the TRA-1-60 monoclonal antibody.



Flow Cytometry - Anti-TRA-1-60 (R) antibody [TRA-1-60] (ab16288)

This image is courtesy of an anonymous Abreview

ab16288 staining TRA-1-60 (R) in Human H9 cells by Flow Cytometry. Cells were fixed with paraformaldehyde and permeabilized with 0.2% Triton X-100. Cells were incubated with the primary antibody (1/1000) for 1 hour at 4°C. Gating Strategy: Unstained H9 cells.



Immunocytochemistry/ Immunofluorescence analysis of human iPSC cells labeling TRA-1-60 (R) with ab16288 at 1/500 dilution. Cells were fixed with paraformaldehyde and permeabilized with 0.5% TX100. 5% serum was used to block cells for 20 minutes at 25°C. A polyclonal goat anti-mouse Cy3 secondary antibody was used at 1/500 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-TRA-1-60 (R) antibody [TRA-1-60] (ab16288)

This image is courtesy of an abreview submitted by Madimir Mlenkovic, University Hospital Regensburg, Germany

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