



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# m-IgG<sub>2b</sub> BP-CFL 555: sc-542746

## BACKGROUND

Mouse IgG<sub>2b</sub> binding protein (m-IgG<sub>2b</sub> BP) conjugated to CruzFluor™ 555 (CFL 555) is a strongly recommended alternative to conventional goat/rabbit anti-mouse IgG secondary antibodies for RGB Western Blotting (WB), immunofluorescence (IF) and flow cytometry (FCM) signal enhancement. CruzFluor™ 555 (CFL 555) is an orange fluorescent dye that is an excellent substitute for AlexaFluor® 555, offering comparable photostability and the ability to resist protein quenching. Suitable for use with RGB imaging systems, such as Invitrogen/iBright and other comparable systems. Mouse IgG<sub>2b</sub> binding protein is a highly specific reagent that provides strong signal with minimal background and virtually complete elimination of lot to lot variation associated with conventionally generated secondary antibodies. Mouse IgG<sub>2b</sub> binding protein (m-IgG<sub>2b</sub> BP) is suitable for for binding to most, but not all mouse monoclonal IgG<sub>2b</sub> antibodies; not suitable for use with mouse monoclonal IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>3</sub>, IgM, IgA or IgE antibodies. Not cross reactive with human, rat or goat IgG antibodies.

## SOURCE

m-IgG<sub>2b</sub> BP-CFL 555 is a purified recombinant mouse IgG<sub>2b</sub> binding protein conjugated to CruzFluor™ 555 (CFL 555).

## PRODUCT

Each vial contains 50 µg mouse IgG<sub>2b</sub> binding protein-CFL 555 in 0.5 ml of PBS containing 0.1% gelatin and 0.1% sodium azide.

## APPLICATIONS

m-IgG<sub>2b</sub> BP-CFL 555 is recommended for detection of mouse IgG<sub>2b</sub> by RGB Western Blotting (starting dilution: 1:1000, dilution range: 1:500-1:2000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:200) and flow cytometry (0.5-1 µg per 1 x 10<sup>6</sup> cells). Optimal dilution to be determined by titration.

## RECOMMENDED SUPPORT PRODUCTS

- CrystalCruz® Cover Glasses, 22 x 50 mm, precleaned: sc-24975
- PBS (Phosphate Buffered Saline), powder, 1 packet: sc-24947
- Formaldehyde, 37% formaldehyde solution, 25 ml: sc-203049
- Hydrogen Peroxide, 30% solution, 100 ml: sc-203336
- FCM Lysing solution: sc-3621
- FCM Fixation Buffer: sc-3622
- FCM Permeabilization Buffer: sc-3623
- FCM Wash Buffer: sc-3624
- Intracellular FCM System: sc-45063

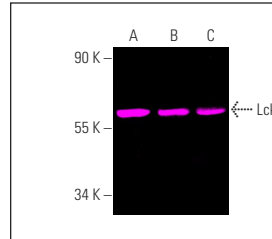
## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.

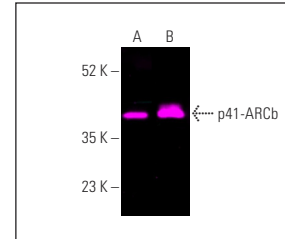
## STORAGE

Store at 4° C, **\*\*DO NOT FREEZE\*\***. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## DATA



Lck (3A5): sc-433. Fluorescent western blot analysis of Lck expression in CCRF-CEM (A), Jurkat (B) and SUP-T1 (C) whole cell lysates. Blocked with UltraCruz® Blocking Reagent: sc-516214. Detection reagent used: m-IgG<sub>2b</sub> BP-CFL 555: sc-542746.



p41-ARCB (C-3): sc-137125. Fluorescent western blot analysis of p41-ARCB expression in U-698-M whole cell lysate (A) and human platelet extract (B). Blocked with UltraCruz® Blocking Reagent: sc-516214. Detection reagent used: m-IgG<sub>2b</sub> BP-CFL 555: sc-542746.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## CRUZFLUOR™ SPECTRAL PROPERTIES

| PRODUCT                        | CAT. #    | EXCITATION MAXIMUM | EMISSION MAXIMUM |
|--------------------------------|-----------|--------------------|------------------|
| m-IgG <sub>2a</sub> BP-CFL 488 | sc-542735 | 488 nm             | 514 nm           |
| m-IgG <sub>2b</sub> BP-CFL 488 | sc-542745 |                    |                  |
| m-IgG <sub>2a</sub> BP-CFL 555 | sc-542736 | 556 nm             | 569 nm           |
| m-IgG <sub>2b</sub> BP-CFL 555 | sc-542746 |                    |                  |
| m-IgG <sub>2a</sub> BP-CFL 594 | sc-542737 | 587 nm             | 603 nm           |
| m-IgG <sub>2b</sub> BP-CFL 594 | sc-542747 |                    |                  |
| m-IgG <sub>2a</sub> BP-CFL 647 | sc-542738 | 654 nm             | 669 nm           |
| m-IgG <sub>2b</sub> BP-CFL 647 | sc-542748 |                    |                  |
| m-IgG <sub>2a</sub> BP-CFL 680 | sc-542739 | 683 nm             | 700 nm           |
| m-IgG <sub>2b</sub> BP-CFL 680 | sc-542749 |                    |                  |
| m-IgG <sub>2a</sub> BP-CFL 790 | sc-542740 | 786 nm             | 811 nm           |
| m-IgG <sub>2b</sub> BP-CFL 790 | sc-542750 |                    |                  |