

Detection of one unlabeled and one or more labeled primary antibodies without the use of Fab fragments

Jackson

Read more about Fab fragments at: jacksonimmuno.com

ImmunoResearch

Detection of one unlabeled and one or more labeled primary antibodies from the same host species

Example E illustrates a multiple labeling protocol that includes a directly labeled and an unlabeled primary antibody. It is advisable to incubate the less abundant primary first. In Example D, the directly labeled primary antibody is incubated first, then blocked with Fab fragments prior to applying the unlabeled primary antibody.

For more protocols visit: www.jacksonimmuno.com/technical/products/protocols/double-labeling-same-species-primary.

If the unlabeled primary antibody is incubated first (Example E), double labeling can be achieved without using Fab fragments. Following incubation with the labeled secondary antibody, normal serum is used to block open binding arms of the secondary, preventing capture of the labeled primary.



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EXAMPLE E ImmunoResearch Jackson Detection of one unlabeled and one/or more labeled primary antibodies from the same host species 2. Incubate with conjugated secondary antibody, in this example Alexa Fluor® 488-Goat Anti-Rabbit IgG (H+L). Wash. 1. After blocking with normal serum, incubate with the unlabeled primary antibody, in this example Rabbit Anti-Antigen X. Wash. 4. Incubate with conjugated primary antibody, in this example 3. Incubate with normal serum from the host species of the Rhodamine Red™-X-Rabbit Anti-Antigen Y. Wash. primary antibody, in this example normal rabbit serum. Wash. Key Rəbbit Rəbbit Goat Anti-Rabbit Anti-Anti-Rabbit lgG Antigen X (H+L) Antigen Y Alexa Fluor® Rhodamine Antigen X Antigen Y Red-X 488 📞 +1 800-367-5296 🔀 cuserv@jacksonimmuno.com www.jacksonimmuno.com