

EXAMPLE E

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

Read more about
Fab fragments at:
jacksonimmuno.com

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.

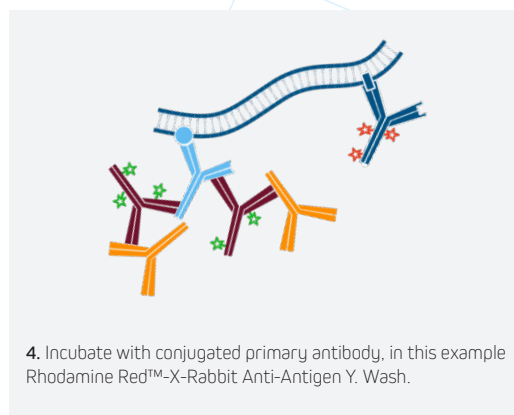
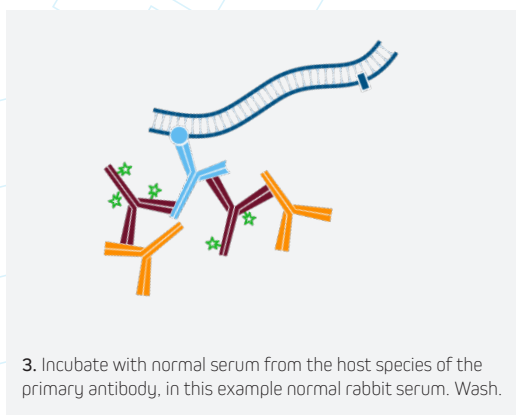
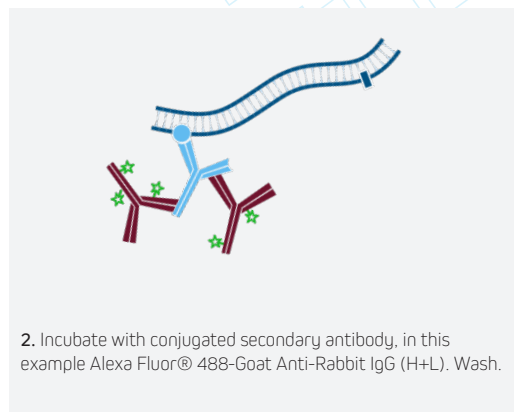
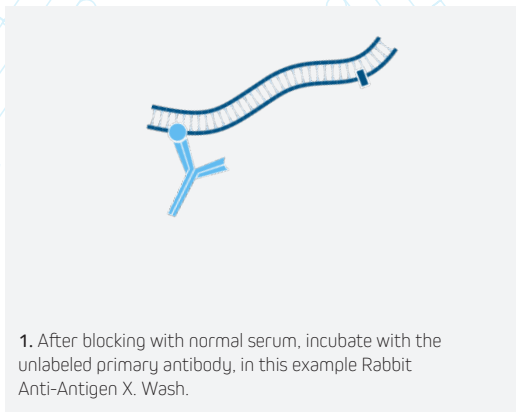
If the unlabeled primary antibody is incubated first (Example E), double labeling can be achieved without using Fab fragments. Following incubation with the labeled secondary antibody, normal serum is used to block open binding arms of the secondary, preventing capture of the labeled primary.



Jackson ImmunoResearch Laboratories Inc. is certified by BSI to ISO 9001:2015 under certificate number FM 545248.

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Key



Rabbit
Anti-
Antigen X



Goat
Anti-Rabbit
(H+L)



Rabbit IgG



Rabbit
Anti-
Antigen Y



Antigen X



Antigen Y



Alexa Fluor®
488



Rhodamine
Red-X

