

Product Guide

Fluorescent Secondary Antibody

Product no. PR832-R, PR832-G, PR832-M, PR833, PR835, PR837, PR838, PR841, PR843, PR844, PR845, PR846, PR847, PR848, PR851, PR852, PR853, PR854

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1 Products and specifications

1.1 Anti-rabbit IgG secondary antibody

	Smart Red Fluorescent anti-rabbit IgG	Smart Infrared Fluorescent anti-rabbit IgG	Smart green Fluorescent anti-rabbit IgG
Product no.	PR832-R, PR847	PR837, PR844	PR841, PR854
Class	polyclonal		
Type	secondary antibody (affinity purified)		
Host	goat		
Immunogen	rabbit IgG (heavy and light chain)		
Conjugate	red fluorophore	infrared fluorophore	green fluorophore
Form	antibody is dissolved in PBS containing BSA (IgG free) as a stabilizer and 0.09% Sodium Azide as preservative		
Content	PR832-R, PR837, PR841: 1 vial containing 0.5 mg secondary antibody (0.5 mg/ml) PR847, PR844: 1 vial containing 0.1 mg secondary antibody (0.5 mg/ml)		

	Smart Red Fluorescent anti-rabbit IgG	Smart Infrared Fluorescent anti-rabbit IgG	Smart green Fluorescent anti-rabbit IgG
Specificity	reacts specifically with rabbit IgG; other rabbit Ig subclasses have not been tested; antiserum was cross-adsorbed using bovine, chicken, horse, human, mouse and rat immunosorbents; antibodies to rabbit IgG may cross-react to other mammalian species		

1.2 Anti-mouse IgG secondary antibody

	Smart Red Fluorescent anti-mouse IgG	Smart Infrared Fluorescent anti-mouse IgG	Smart green Fluorescent anti-mouse IgG
Product no.	PR832-M, PR845	PR838, PR846	PR835, PR853
Class	polyclonal		
Type	secondary antibody (affinity purified)		
Host	goat		
Immunogen	mouse IgG (heavy and light chain)		
Conjugate	red fluorophore	infrared fluorophore	green fluorophore
Form	antibody is dissolved in PBS containing BSA (IgG free) as a stabilizer and 0.09% Sodium Azide as preservative		
Content	PR832-M, PR838, PR835: 1 vial containing 0.5 mg secondary antibody (0.5 mg/ml) PR845, PR846: 1 vial containing 0.1 mg secondary antibody (0.5 mg/ml)		
Specificity	reacts specifically with mouse IgG; other mouse Ig subclasses have not been tested; antiserum was cross-adsorbed using bovine, chicken, horse, human, rabbit and rat immunosorbents; antibodies to mouse IgG may cross-react to other mammalian species		

1.3 Anti-goat IgG secondary antibody

	Smart Red Fluorescent anti-goat IgG	Smart Infrared Fluorescent anti-goat IgG	Smart green Fluorescent anti-goat IgG
Product no.	PR832-G, PR851	PR843, PR848	PR833, PR852
Class	polyclonal		
Type	secondary antibody (affinity purified)		
Host	rabbit		
Immunogen	goat IgG (heavy and light chain)		
Conjugate	red fluorophore	infrared fluorophore	green fluorophore
Form	antibody is dissolved in PBS containing BSA (IgG free) as a stabilizer and 0.09% Sodium Azide as preservative		
Content	PR832-G, PR843, PR833: 1 vial containing 0.5 mg secondary antibody (0.5 mg/ml) PR851, PR848: 1 vial containing 0.1 mg secondary antibody (0.5 mg/ml)		
Specificity	reacts specifically with goat IgG; other goat Ig subclasses have not been tested; antiserum was cross-adsorbed using bovine, chicken, horse, human, mouse and rat immunosorbents; antibodies to goat IgG may cross-react to other mammalian species		

5 Excitation and emission parameter

Dye	excitation max. [nm]	emission max. [nm]
Green fluorophore	560	585
Red fluorophore	649	664
Infrared fluorophore	740	770

2 Storage and stability

Store at +2°C to +8°C.

Stable for at least one year from the date of delivery.

3 Description

Affinity purified antibody conjugated with fluorophore, whereas the molar fluorophore:antibody ratio is from 4:1 to 7:1. This conjugate is designed for use in Western Blotting, microarrays, flow cytometry and immunohistology.

4 Suggested working dilutions

Optimal working concentration should be determined experimentally for each application. Dilution is not recommended for long term storage. Suggested starting dilutions for Western blotting: 1:1000.