

Tips

- Western blotting requires optimization of both primary and secondary antibody concentrations. These must be determined for every target-antibody pair.
- For antibodies labeled with AzureSpectra 490, 550 or 650 we recommend a starting dilution of 1:5,000 to 1:10,000.
- Our antibodies can be imaged on a wet or dry blot.
- When optimizing the secondary antibody concentration, save the diluted secondary antibody solution after membrane incubation. If greater sensitivity is needed, more secondary antibody can be added to the solution and the membrane re-incubated in the solution and final washes repeated.

AzureSpectra Visible Secondary Antibodies

Fluorescently labeled antibodies for
immunoblotting applications

AzureSpectra 490 Conjugates

AC2206	Goat-anti-rabbit secondary antibody, 250 μ l
AC2207	Goat-anti-mouse secondary antibody, 250 μ l
AC2208	Goat-anti-human secondary antibody, 250 μ l
AC2209	Goat-anti-chicken secondary antibody, 250 μ l
AC2210	Goat-anti-rat secondary antibody, 250 μ l
AC2211	Goat-anti-guinea pig secondary antibody, 250 μ l
AC2217	Donkey-anti-goat secondary antibody, 250 μ l

AzureSpectra 550 Conjugates

- AC2158** Goat-anti-rabbit secondary antibody, 250 μ l
- AC2159** Goat-anti-mouse secondary antibody, 250 μ l
- AC2160** Goat-anti-human secondary antibody, 250 μ l
- AC2161** Goat-anti-chicken secondary antibody, 250 μ l
- AC2162** Goat-anti-rat secondary antibody, 250 μ l
- AC2163** Goat-anti-guinea pig secondary antibody, 250 μ l
- AC2164** Donkey-anti-goat secondary antibody, 250 μ l

AzureSpectra 650 Conjugates

- AC2165** Goat-anti-rabbit secondary antibody, 250 μ l
- AC2166** Goat-anti-mouse secondary antibody, 250 μ l
- AC2167** Goat-anti-human secondary antibody, 250 μ l
- AC2168** Goat-anti-chicken secondary antibody, 250 μ l
- AC2169** Goat-anti-rat secondary antibody, 250 μ l
- AC2170** Goat-anti-guinea pig secondary antibody, 250 μ l
- AC2171** Donkey-anti-goat secondary antibody, 250 μ l

Description

Azure offers a broad selection of fluorescently labeled secondary antibodies with a variety of conjugate types, excitable with both visible and near infrared (NIR) light. Choose the label and species best suited for your application. Each high-quality antibody offers unparalleled sensitivity and performance for immunoblotting applications.

Conjugate	AzureSpectra 490	AzureSpectra 550	AzureSpectra 650
Recommended excitation (nm)	491	551	653
Recommended emission (nm)	515	565	672
cSeries Imaging Channel	Cy2	Cy3	Cy5
Sapphire Imaging Channel	488	520	658