

Donkey anti-Mouse IgG (H+L) Secondary Antibody, WesternDot 625

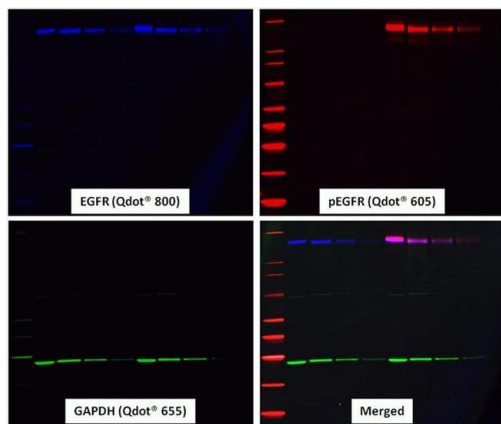
Product Details	
Size	25 blots
Species Reactivity	Mouse
Host/Isotype	Donkey / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	WesternDot® 625
Immunogen	Mouse Immunoglobins
Form	Liquid
Purification	purified
Storage buffer	50mM borate, pH 8.3, with 1M betaine
Contains	0.05% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2556787

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	-

Product Specific Information

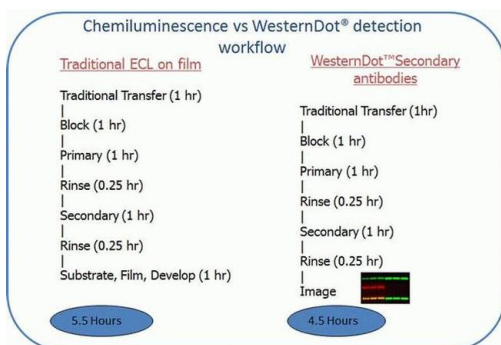
WesternDot fluorescently labeled secondary antibodies deliver superior signal-to-noise ratios and exhibit comparable sensitivity to enhanced chemiluminescence (ECL)-based methods in western blot applications. No stripping and re-probing or multiple blots are required for multiple protein detection as commonly needed with ECL or colorimetric detection. Differently labeled WesternDot antibodies can be applied to a single blot for simultaneous detection of multiple proteins using standard gel or blot imaging platforms (a list of instruments that are compatible with WesternDot detection can be found in the user manual below). Our WesternDot antibodies utilize Qdot nanocrystals enhanced with VIVID technology, making them brighter than the original Qdot reagents. Additionally, they have reduced intensity differences between the different colors, simplifying multiplex applications.

Product Images For Donkey anti-Mouse IgG (H+L) Secondary Antibody, WesternDot 625



Mouse IgG (H+L) Secondary Antibody (W10805) in WB

Simultaneous detection of three proteins on a single blot using Qdot® secondary antibody conjugates. A western blot containing serial dilutions (20-3 µg protein) of lysates from unstimulated (lanes 2-5) and hEGF-stimulated (lanes 6-9) A431 cells was probed with mouse anti-EGFR, rabbit anti-phospho-EGFR, and chicken anti-GAPDH antibodies, followed by (A) WesternDot® 800 goat anti-mouse (pseudocolored blue), (B) WesternDot® 605 goat anti-rabbit (pseudocolored red), and (C) WesternDot® 655 goat anti-chicken (pseudocolored green) conjugates. (D) The merged image shows overlaid red and blue bands as purple. The blot contains MagicMark™ XP Western Protein Standard (lane 1, Product # LC5603) and was imaged using the Fujifilm® LAS-4000 gel imager.



Mouse IgG (H+L) Secondary Antibody (W10805)

WesternDot® secondary antibodies can be used in existing Western Blot protocols. Fluorescent western detection is more convenient than chemiluminescence (ECL) methods. Blots are ready to image immediately after the secondary antibody application. There are no additional substrates or enzymatic/timing concerns, and the fluorescent signals are stable indefinitely.

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