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**NORTH AMERICA**

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T e c h n i c a l D a t a S h e e t

iD BlueLadder Revealer - iD BlueLadder Revealer-HRP
Monoclonal Antibody
ID-MWLRV1-050 • ID-MWLRV1-H50

Eurogentec products are sold for research or laboratory use only and are not to be administered to humans or used for medical diagnostics or for diagnostic purposes.

Application

Western Blotting: 1/1000 – 1/5000 suggested dilution.

Products

Name	Cat #	Concentration	Amount
iD BlueLadder Revealer	ID-MWLRV1-050	2 µg/µL	100 µg/50 µL
iD BlueLadder Revealer-HRP	ID-MWLRV1-H50	2 µg/µL	100 µg/50 µL

Description

The iD BlueLadder Revealer is a mouse monoclonal antibody targeting the blue dye of prestained proteins from MW ladders. This antibody can be used to visualize the marker blue bands throughout the whole process of western blotting from gels to membranes and up to X-Ray films. This makes the positioning of the marker on the blot very easy and highly accurate.

The antibody is provided alone or coupled to horse radish peroxidase (HRP).

Specificity

This antibody is specific for the blue dye used in prestained protein MW markers. It does not react with human, mouse, rat, chicken, hamster, monkey, yeast and *E. coli* proteins.

Format

Protein A purified monoclonal antibody.

- iD BlueLadder Revealer is delivered in PBS containing 0.05% azide.
- iD BlueLadder Revealer-HRP is delivered in a proprietary buffer for HRP stabilization.

Storage

Store at -20°C.

Avoid multiple freeze-thaw cycles.

Instruction for Western Blotting application

1. Run a SDS-PAGE with a blue pre-stained molecular weight marker and transfer the proteins to a membrane.
2. Block the membrane using an appropriate blocking solution e.g. iD Blocking Kit (ID-WCBL01-001; Eurogentec).
3. Incubate the membrane with a mix of primary antibodies containing:
 - a. The primary antibody specific to your protein (for dilution, please refer to the instructions from the manufacturer);
 - b. The iD BlueLadder Revealer (recommended dilution : 1/2000)

Note: If the primary antibody specific to your protein is HRP-conjugated, use the iD BlueLadder Revealer-HRP.

4. If the primary antibodies are not HRP-conjugated, incubate the membrane with secondary antibodies coupled to HRP (or any other conjugate of your choice). An anti-mouse secondary antibody is to be used to detect the iD BlueLadder Revealer (murine primary antibody).
5. Perform the detection according to the conjugate selected.

Note: if HRP is used, a colorimetric or chemiluminescent detection can be performed using respectively the iD TMB Substrate Kit (ID-SUTMB1) or iD HRP Substrate Kit (ID-SUHRP1) (Eurogentec).

The iD BlueLadder Revealer and the iD BlueLadder Revealer-HRP are compatible with the iD Western 1H Detection Kits (Eurogentec).

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Technical Data Sheet**Related Products**

Product Description	Size	Reference
Molecular Weight Markers		
iD Multi Color Pre-stained Protein Weight Marker	250 µl	ID-MWMCP1-250
Precasted PAGE Gels		
iD PAGE Gel, 4-20%, 10 wells	1 x 10 gels	ID-PA4201-010
iD PAGE Gel, 4-20%, 12 wells	1 x 10 gels	ID-PA4201-012
iD PAGE Gel, 4-20%, 15 wells	1 x 10 gels	ID-PA4201-015
iD PAGE Gel, 4-12% 10 wells	1 x 10 gels	ID-PA4121-010
iD PAGE Gel, 4-12% 12 wells	1 x 10 gels	ID-PA4121-012
iD PAGE Gel, 4-12% 15 wells	1 x 10 gels	ID-PA4121-015
iD PAGE Gel, 8-16%, 10 wells	1 x 10 gels	ID-PA8161-010
iD PAGE Gel, 8-16%, 12 wells	1 x 10 gels	ID-PA8161-012
iD PAGE Gel, 8-16%, 15 wells	1 x 10 gels	ID-PA8161-015
iD PAGE Gel, 12%, 10 wells	1 x 10 gels	ID-PA0121-010
iD PAGE Gel, 12%, 12 wells	1 x 10 gels	ID-PA0121-012
iD PAGE Gel, 12%, 15 wells	1 x 10 gels	ID-PA0121-015
iD PAGE Gel, 10%, 10 wells	1 x 10 gels	ID-PA0101-010
iD PAGE Gel, 10%, 12 wells	1 x 10 gels	ID-PA0101-012
iD PAGE Gel, 10%, 15 wells	1 x 10 gels	ID-PA0101-015
iD PAGE Gel, 8%, 10 wells	1 x 10 gels	ID-PA0081-010
iD PAGE Gel, 8%, 12 wells	1 x 10 gels	ID-PA0081-012
iD PAGE Gel, 8%, 15 wells	1 x 10 gels	ID-PA0081-015
Western Blotting Kits		
iD Western 1H - Enhanced Kit with HRP (Rabbit)	1 Kit (5 assays)	ID-WBEHR1-005
iD Western 1H - Enhanced Kit with TMB (Rabbit)	1 Kit (5 Assays)	ID-WBETR1-005
iD Western 1H - Sensitive Kit with HRP (Rabbit)	1 Kit (5 Assays)	ID-WBSHR1-005
iD Western 1H - Enhanced Kit with HRP (Mouse)	1 Kit (5 assays)	ID-WBEHM1-005
iD Western 1H - Enhanced Kit with TMB (Mouse)	1 Kit (5 Assays)	ID-WBETM1-005
iD Western 1H - Sensitive Kit with HRP (Mouse)	1 Kit (5 Assays)	ID-WBSHM1-005
HRP Substrates		
iD HRP Substrate Kit	1 Kit (2 x 30 ml)	ID-SUHRP1-060
iD TMB Substrate Kit	1 Kit (60 ml)	ID-SUTMB1-060
Blocking Solution		
iD Blocking Kit for Western Blot Membrane	1 Kit	ID-WCBLO1-001

For more information about the iD BlueLadder Revealers, please visit www.eurogentec.com

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