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Datasheet for 200-303-V07

Blue MW Ladder Antibody Peroxidase Conjugated

Overview

Description:	Anti-Blue Molecular Weight Ladder Peroxidase Conjugated (MOUSE) Monoclonal Antibody - 200-303-V07
Item No.:	200-303-V07
Size:	100 µL
Applications:	WB
Reactivity:	Blue Chromophore
Host Species:	Mouse

Product Details

Background:	Most prestained protein MW markers used in PAGE contain fragments that are labelled with a blue dye. This HRP antibody specifically reacts with this blue dye, enabling direct visualization of the different marker fragments on the Chemiluminescence blot. This not only makes the positioning on the blot significantly more easy and accurate, but also allows in a reduction of the amount of marker needed by 5 - 10 times.
Synonyms:	Molecular Weight Ladder HRP, HRP Protein ladder, HRP Protein marker, HRP Protein standard, HRP Protein molecular weight standard, HRP Molecular weight marker, Protein molecular weight ladder, Protein marker, Mw marker, Mw standard, Western blot standard, molecular weight marker, protein standard, gel electrophoresis marker
Host Species:	Mouse
Conjugate:	Peroxidase (HRP)
Clonality:	Monoclonal
Format:	IgG1

Target Details

Reactivity:	Blue Chromophore
Immunogen Type:	Other
Immunogen:	Anti-Blue Molecular Weight Ladder Antibody was produced in mice by repeated immunizations with the blue color used in many prestained MW markers.

Purity/Specificity:	Anti-Blue Ladder MW Antibody was purified by Protein G chromatography. Cross-reactivity with Blue MW Ladder from other sources has not been determined. It does not react with human, mouse, rat, chicken, hamster, monkey, yeast and E. coli proteins.

Application Details

Tested Applications:	WB
Application Note:	Anti-Blue Ladder MW Antibody Peroxidase Conjugated is tested by SDS and western blot. Anti-Blue Ladder MW HRP Antibody is designed for Western Blots specifically, and will detect the Molecular Weight Ladder. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	1:1,000 - 1:3,000

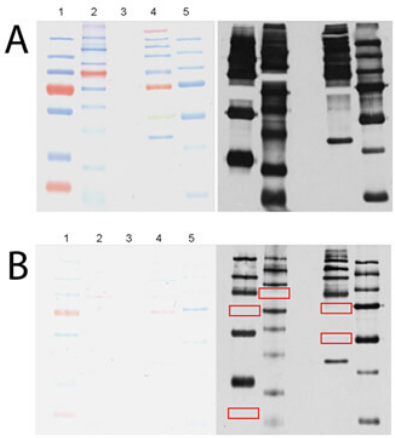
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	neat by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	None
Stabilizer:	50% (v/v) Glycerol

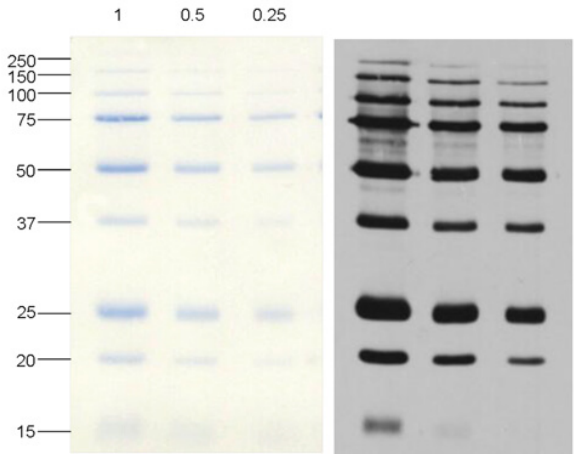
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

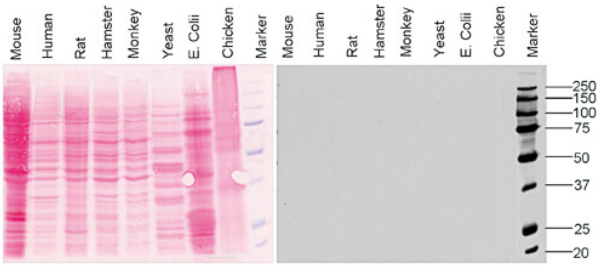
Images



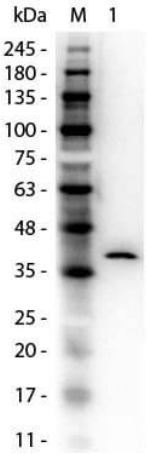
Western Blot
SDS and WB of Mouse anti-Blue Ladder MW- Peroxidase Conjugated antibody. Figure A contains 4 µl of each ladder. Lane 1: Page Ruler Plus. Lane 2: Color Plus broad range. Lane 3: Page Ruler. Lane 4: Spectra Multicolor. Lane 5: Precision Plus. Figure B contains 1 µl of each ladder. Primary Antibody: Mouse anti-Blue Ladder MW- Peroxidase Conjugated antibody at 1:1,000. Secondary Antibody: None. Block: PBS-Tween containing 10% milk overnight at 4°C. Predicted/Observed size: Antibody binds only blue bands. Other band(s): none.



Western Blot
SDS and WB of Mouse anti-Blue Ladder MW- Peroxidase Conjugated antibody. Lane 1: 1 µl Precision Plus protein MW marker. Lane 2: 0.5 µl Precision Plus protein MW marker. Lane 3: 0.25 µl Precision Plus protein MW marker. Primary Antibody: Mouse anti-Blue Ladder MW- Peroxidase Conjugated antibody at 1:2,000. Secondary Antibody: None. Block: PBS-Tween containing 10% milk overnight at 4°C. Predicted/Observed size: Antibody binds only blue bands. Other band(s): none.



Western Blot
Mouse anti-Blue Ladder MW Peroxidase Conjugated antibody. Lanes 1-8: Protein extracts of Mouse, Human, Rat, Hamster, Monkey, Yeast, E. Coli, and Chicken, respectively. Lane 9: Blue MW Ladder. Primary antibody: Mouse anti-Blue Ladder MW- Peroxidase Conjugated antibody at 1:1,000. Secondary antibody: None. Stained with Ponceau S and chemiluminescent detection on x-ray film. Predicted/Observed size: Antibody binds only blue bands.



Western Blot

Western Blot of Mouse anti-GAPDH with Blue MW Ladder Peroxidase Conjugated. M: Opal Pre-stained Ladder (MB-210-0500). Lane 1: GAPDH [50 ng]. Primary antibody: Mouse anti-GAPDH at 1:1,000 with Blue MW Ladder Peroxidase Conjugated at 1:2,000 overnight at 4°C. Secondary antibody: Rabbit anti-Mouse IgG HRP secondary antibody at 1:40,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 36 kDa, 36 kDa for GAPDH.

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