



ModDetect™

Supporting Reagents

Rockland has developed ModDetect panels of specialty reagents to be used as analytical tools for the detection of oligonucleotides in immunoassays. These reagent panels are available as unconjugated or biotinylated. Below you will find a list of reagents that support our ModDetect panels across various immunoassays.

Reagents for Signal Amplification

Conjugated antibodies are high-performance polyclonal antibodies coupled to colorimetric, chemiluminescent or fluorescent labels for use as reporter molecules in immunoassays. Rockland's conjugated antibodies are designed to be used in a variety of applications, such as ELISA, FLISA, western blot, immunofluorescence, immunohistochemistry, flow cytometry, and others while working across multiple imaging platforms.

Product	Item No.
Anti-MOUSE IgG (gamma 1, 2a, 2b and 3 chain) (RABBIT) Antibody DyLight™ 488 Conjugated	610-441-C46
Anti-MOUSE IgG (gamma 1, 2a, 2b and 3 chain) (RABBIT) Antibody DyLight™ 549 Conjugated	610-442-C46
Anti-MOUSE IgG (gamma 1, 2a, 2b and 3 chain) (RABBIT) Antibody Peroxidase Conjugated	610-403-C46
Mouse TrueBlot® ULTRA: Anti-Mouse Ig HRP	18-8817-33
Streptavidin Peroxidase Conjugated	S000-03
Streptavidin CY3 Conjugated	S000-04
Streptavidin DyLight™ 800 Conjugated	S000-45

Reagents by Application

The use of Rockland's reagents dramatically increases the quality and reproducibility of experiments. Blocking solutions are essential for use in ELISA, FLISA, western blotting, Immunohistochemistry and Immunofluorescence staining.

	Product	Item No.
IHC	Blocking Buffer for Immunohistochemistry - Serum and Azide Free	MB-071-0100
	10X PBS MaxTag Histo for IHC	MB-0032
	Pap Pen MaxTag Histo for IHC	KHP-001
	30% (w/v) Hydrogen Peroxide Solution MaxTag Histo for IHC	KHJ001
	Polymount Mounting Media MaxTag Histo for IHC	KHH-001
	Fermaidex Fixative 16% (w/v) Ultrapure EM Grade MaxTag Histo for IHC	KHF-001
	BBS Fish Gel Concentrate	MB-065-0100
	PBS Fish Gel Concentrate 10X	MB-066-0100
	TBS Fish Gel Concentrate 10X	MB-067-0100
	Normal Rabbit Serum	B309
	Normal Goat Serum	B304

	Product	Item No.
IF	FACS and IF Staining Buffer with Goat Serum	MB-088-0500
	FACS and IF Staining Buffer with BSA	MB-089-0500
	FACS and IF Staining Buffer with FBS	MB-086-0500
IP	6 Positionn TrueBlot Magnetic Seeparator	TMS-32
	TrueBlot Streptavidin Magnetic Beads	S000-18-2
	TrueBlot Anti-Mouse IgG Magnetic Beads	00-1811-20
	Trueblot Anti-Rabbit IgG Magnetic Beads	00-1800-20
	TrueBlot Biotin Magnetic Beads	B00-18-2
	TrueBlot Anti-Goat IgG Magnetic Beads	00-1844-20
	TrueBlot Protein A Magnetic Beads	PA00-18-2
	TrueBlot Protein G Magnetic Beads	PG00-18-2
	TrueBlot Anti-Rabbit Ig IP Agarose Beads	00-8800-25
	TrueBlot Anti-Mouse Ig IP Agarose Beads	00-8811-25
	Goat TrueBlot Set (IP Agarose Beads)	88-1488-31
	Rabbit TrueBlot Set (IP Agarose Beads)	88-1688-31
	Mouse TrueBlot Set (IP Agarose Beads)	88-7788-31
	Mouse TrueBlot® ULTRA: Anti-Mouse Ig HRP	18-8817-30
	Rabbit TrueBlot® ULTRA: Anti-Rabbit Ig HRP	18-8816-31
	Goat TrueBlot® ULTRA: Anti-Goat Ig HR	18-8814-31
ELISA	TMB ELISA Peroxidase Substrate	TMBE-1000
Other	Blocking Buffer Sampler Kit	K505

Subcellular Markers for Co-Localization Studies

Co-localization studies are essential for investigating the spatial relationships between molecules within cells. Pairing ModDetect™ with subcellular markers enables precise identification of the compartments where novel RNA therapeutics localize. This approach offers valuable insights into cellular pathways, molecular trafficking, and structural organization.

Endosome Marker Antibodies

Product	Item No.
Anti-EEA1 (RABBIT) Antibody	ABIN521882
Anti-RAB7B (AA 100-199) Antibody	ABIN567027
Anti-RAB5 Antibody	ABIN361846
Anti-RAB5B (C-Term) Antibody	ABIN1439995
Anti-RAB5C (C-Term) Antibody	ABIN6254194
Anti-RAB7A (C-Term) Antibody	ABIN720191
Anti-RAB9A (RABBIT) Antibody	ABIN564041

Lysosome Marker Antibodies

Product	Item No.
Anti-Cathepsin L (AA114-288) Antibody	ABIN7431587
Anti-CTSA (N-Term) Antibody	ABIN654433
Anti-Cathepsin D (C-Term) Antibody	ABIN6254162
Anti-LAMP1 (AA 80-280) Antibody	ABIN3016286
Anti-Cathepsin K (AA 54-317) Antibody	ABIN7441856
Anti-Cathepsin S (AA 115-331) Antibody	ABIN7434368
Anti-Cathepsin D (AA 66-410) Antibody	ABIN7433375
Anti-LAMP2 (AA 191-362) Antibody	ABIN7437248
Anti-LAMP1 (AA 301-417) Antibody	ABIN676088
Anti-Cathepsin L (AA 71-170) Antibody	ABIN687532
Anti-LAMP2 (AA 29-168) Antibody	ABIN5611243

Cytoskeleton Marker Antibodies

Product	Item No.
Anti-Vimentin (AA 371-466) Antibody	ABIN672786
Anti-Alpha Tubulin Antibody	ABIN93891
Anti-TUBB Antibody	ABIN93914
Anti-Smooth Muscle Actin (N-Term) Antibody	ABIN6254917
Anti-ACTC1 Antibody	ABIN2855212
Anti-ACTN2 Antibody	ABIN2855582
Anti-ACTG2 (AA 3-376) Antibody	ABIN7440569
Anti-Myosin (AA 1069-1331) Antibody	ABIN7439273
Anti-Alpha Actinin Antibody	ABIN7073023
Anti-Dystrophin (AA 346-635) Antibody	ABIN1679546
Anti-ACTN3 (N-Term) Antibody	ABIN6258681
Anti-Cytokeratin 8/18 Antibody	ABIN285686