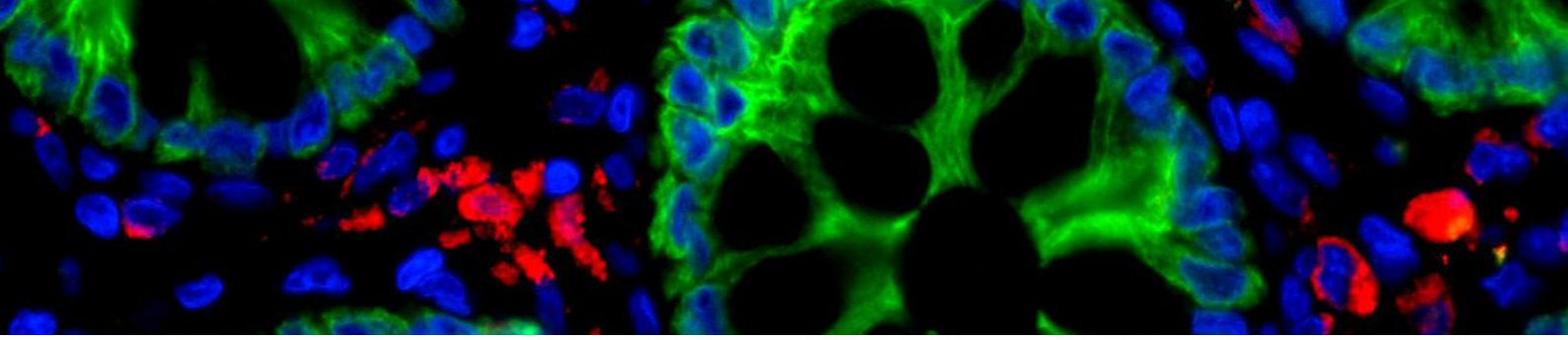
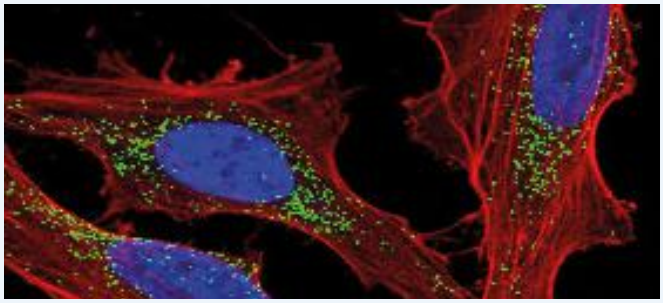


proteintech®

CoraLite® conjugates for immunofluorescence

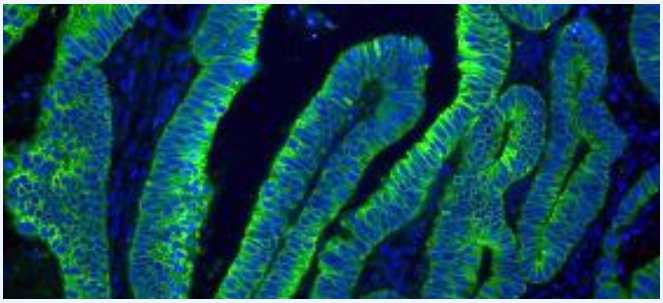
CoraLite® dyes are bright fluorescent dyes that deliver high photostability and minimal fluorescent bleed-through, making them an excellent choice for your immunofluorescence experiments.

High brightness



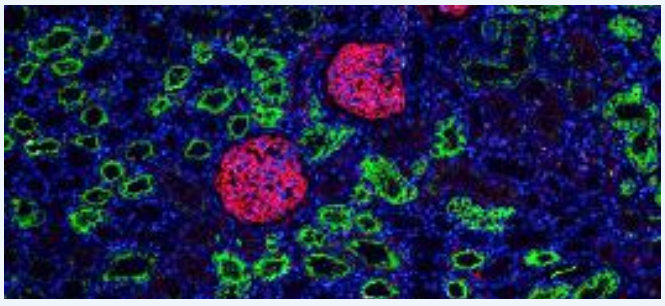
CoraLite® conjugated antibodies are brighter than most fluorescent dye conjugated antibodies on the market.

Excellent photostability



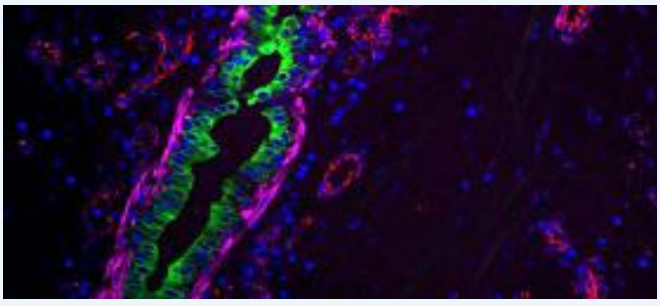
CoraLite® dyes offer exceptional photostability, allowing longer exposure times to detect low-abundance proteins without worrying about signal loss.

Large target coverage

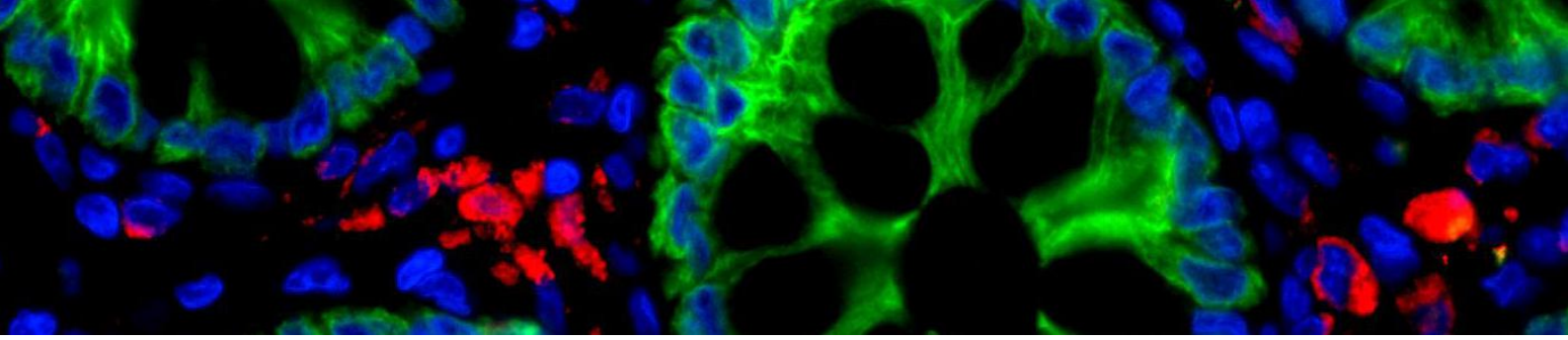


CoraLite® dyes are conjugated to antibodies against various proteins, targeting all areas of biology.

Easy multiplexing



Antibodies against related protein targets are selected for conjugation to multiple CoraLite® dyes to offer greater flexibility in multiplexing experiments.



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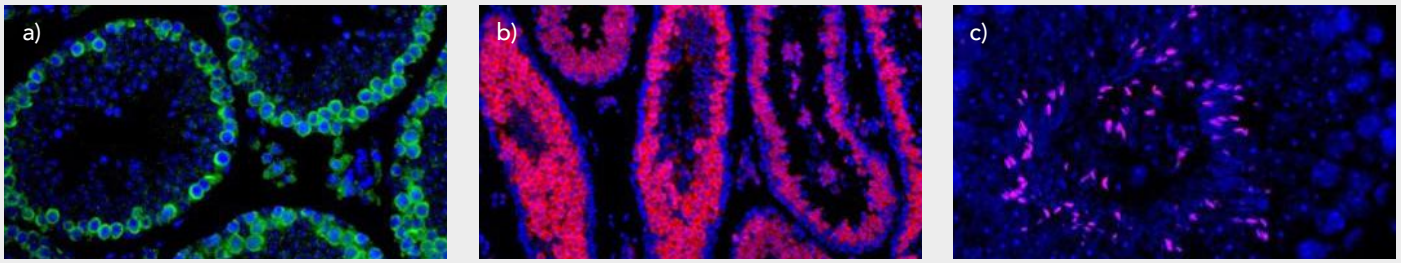
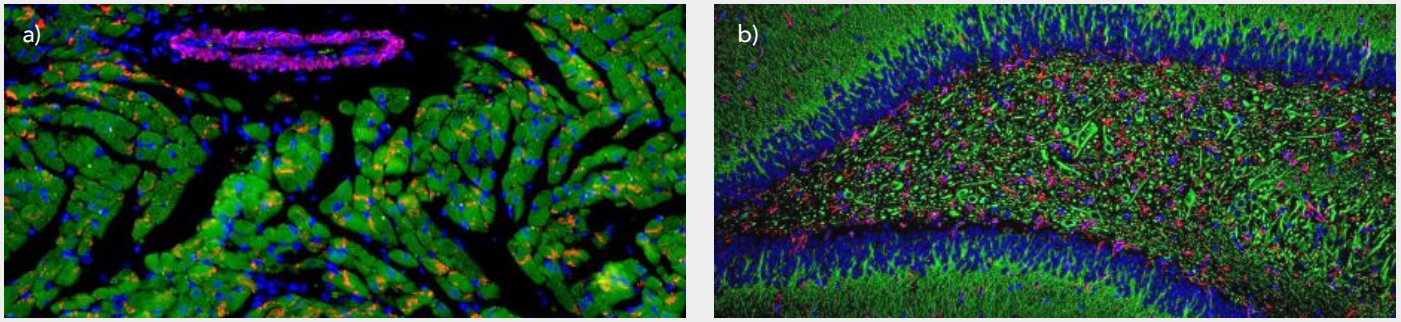
CoraLite® conjugates are created using carefully selected Proteintech highly-cited primary antibodies, ensuring seamless experimental planning and execution. These antibodies are available in up to four colours, **CoraLite® 488, CoraLite® 555, CoraLite® 594** and **CoraLite® 647**, making it easy to design multiplex immunofluorescence experiments.



Detection of germline-specific protein in mouse testes. **a) CoraLite® 488** conjugated DAZL antibody; **b) CoraLite® 594** conjugated **BOULE** antibody; and **c) CoraLite® 555** conjugated **TNP1** antibody.



Multiplexed immunofluorescence images captured using different CoraLite® conjugated antibodies. a) Mouse heart tissue showing expression of **Troponin I** in cardiac muscles, **N cadherin** in junctions of cardiomyocytes and **Smooth muscle actin** in cardiac blood vessels; b) Mouse brain tissue sections showing **MAP2** in neurons, **GFAP** in astrocytes, and **AQP4** in astroglial endfeet.

Proteintech also offers ChromoTek Nanobody-based reagents for specialised applications including immunoprecipitation, live-cell imaging, and super-resolution microscopy.

Scan the QR code to explore all CoraLite® conjugates for immunofluorescence