

Product datasheet

anti-Ribonucleoproteins mouse monoclonal, 58-15, purified

Short overview

Cat. No.	691520
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgM kappa
Clone	58-15
Immunogen	Isolated nuclei
Formulation	PBS with 0.02% sodium azide
UniprotID	P22626 (Human), A7VJC2 (Rat)
Synonym	Heterogeneous nuclear ribonucleoproteins A2/B1, hnRNP A2/B1, HNRNPA2B1, HNRPA2B1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human, Rat
No reactivity	Mouse

Applications

Flow Cytometry (FACS)	1-2 µg/million cells in 0.1 ml, fix cells in 4% PFA for 10 min at 4°C, permeabilize with 0.2% saponin or digitonin for 15 min at 4°C
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:25-1:50 (2-4 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:25-1:50 (2-4 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 or digestion with trypsin at 1 mg/ml PBS recommended)

Background

58-15 recognizes ribonucleoproteins (RNP), found predominantly in nuclear ribonucleoprotein (nRNP) particles, one of the main components of nucleoli. It identifies cells active in the cell cycle and, hence, can be used to measure the mitotic activity of cell populations. Since the antibody can be used in paraffin embedded tissue sections, it can identify actively cycling cells within routinely fixed tissue specimens. 58-15 can be considered a pan nRNP antibody. Pan nRNP antibodies provide detection for a range of RNP proteins.

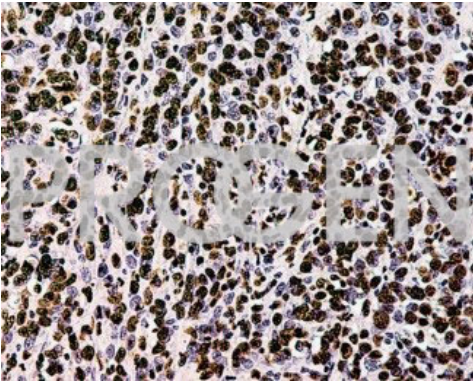
Positive control: Jurkat cells, K-562 cells, spleen.

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Product images



Human spleen