

Anti-TPX2 Antibody (5B212)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 86 kDa. Actual: 98 kDa.
Clone:	5B212
Purification:	Protein G purified

Applications

Sample:	Lane 1: HT-29 cell lysates Lane 2: K562 cell lysates Lane 3: MCF-7 cell lysates
Verified Activity:	Lane 4: Raji cell lysates Primary: Anti-TPX2 (TMAB-13710) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 86 kD Observed band size: 98 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human TPX2 between 1-531 amino acids
Antigen Species:	Human
Gene ID:	22974
Uniprot ID:	Q9ULW0

Research Background

TPX2 is essential for spindle pole and mitotic spindle formulation, playing a role in the S and G2 phases of mitosis. It is also critical for the function of protein kinase Aurora A. TPX2 autophosphorylates Aurora A, targeting it to the spindle apparatus and allowing it to function in eukaryotic meiotic and mitotic cell cycles. TPX2 has also been found to be highly expressed in cancer cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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