

Product datasheet for **TA355337**

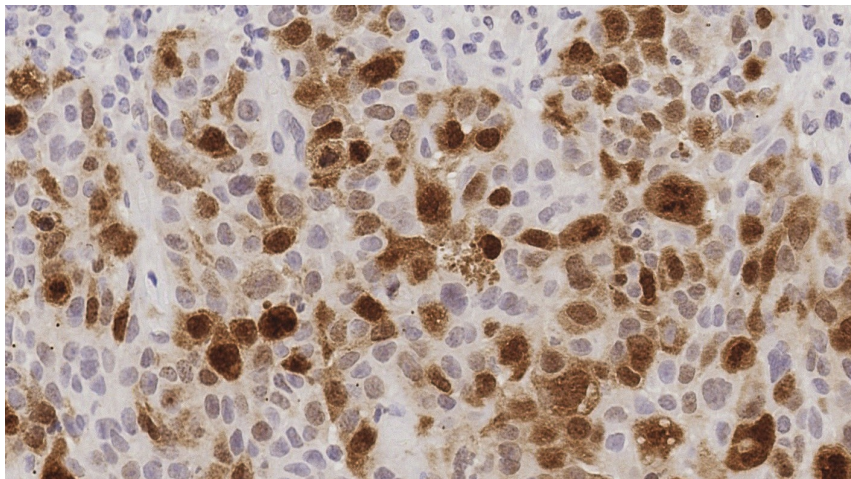
PLK1 Mouse Monoclonal Antibody [Clone ID: MJS1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MJS1
Applications:	IHC
Recommended Dilution:	1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	107 amino acids from central region of human PLK-1 protein
Specificity:	Human PLK-1 protein
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	polo like kinase 1
Database Link:	Entrez Gene 5347 Human P53350
Background:	<p>Polo-Like Kinase-1 (PLK1) also known as Serine/Threonine Protein Kinase 13) is a 66 kDa kinase. The activity of PLK-1 is crucial for mitosis and maintenance of genome stability. PLK-1 localizes to centrosomes and kinetochores where it plays a key role in late prophase and prometaphase. PLK-1 is overexpressed in many types of cancers and mediates estrogen receptor-mediated gene transcription in breast cancer cells.</p> <p>Overexpression of PLK-1 is associated with tumor development, with elevated levels of expression reported in non-small cell lung cancers, head and neck, gastric, breast, ovarian, colon and several other cancer types.</p>
Synonyms:	PLK; PLK-1; STPK13



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Product images:

Squamous cell carcinoma of oropharyngeal tissue: immunohistochemical staining of PLK-1. Polo-Like Kinase-1: clone MJS1