Data Sheet (Cat.No.TMAY-00114)

TargetMol

Anti-Desmin Antibody (6C49)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6C49
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human Desmin in human heart with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections. 2. Immunochemical staining of human Desmin in human smooth muscle with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.
Application:	IHC-P
Recommended	IHC-P: 1:30-1:100

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. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: C-terminus of the Human Desmin
Antigen Species:	Human
Synonyms:	DES;Desmin
Biology Area:	Cardiac Stem Cell Markers

Research Background

The cohesin loading factor, nipped-B-like protein (NIPBL), is also known as the sister chromatid cohesion 2 (SCC2) human homolog, is a cohesin loading factor which is essential for deposition of cohesin onto the sister chromatid. Recent studies have shown that NIPBL contributes to sister chromatid cohesion and plays a critical role in development, DNA repair, and gene regulation. Downregulation of NIPBL arrested cells in the G0/G1 phase of the cell cycle and induced apoptosis and autophagy of breast cancer cells through the caspase3 and mammalian target of rapamycin (mTOR) signaling pathways. NIPBL, the sister chromatid cohesion 2 (SCC2) human homolog, is a cohesin loading factor which is essential for deposition of cohesin onto the sister chromatid. Recent studies have shown that NIPBL contributes to sister chromatid cohesion and plays a critical role in development, DNA repair, and gene regulation.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481