

Rabbit anti-Mouse Desmin Polyclonal Antibody | anti-DES antibody

Anti-Desmin Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255030	Rabbit	Mouse	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

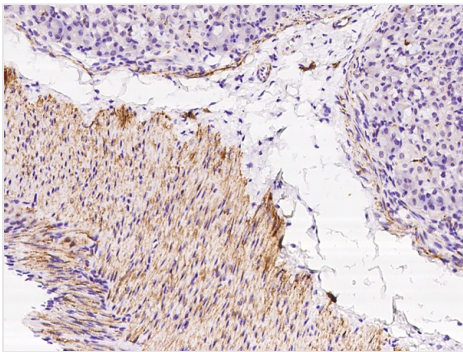
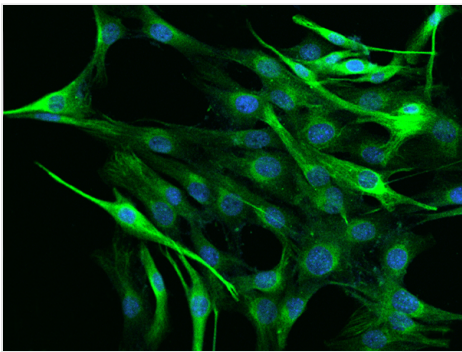
PRODUCT SYNONYMS

Desmin; Polyclonal Antibody; Anti-Desmin Antibody; Rabbit Polyclonal; Desmin/DES Antibody; Rabbit PAb; Antigen Affinity Purified; desmin; anti-DES antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse Desmin/DES
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-DES antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Mouse Desmin/DES
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Mouse Desmin/DES, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of DES in C2C12 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Mouse DES polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.

IHC (Immunohistochemistry)
Immunochemical staining of mouse DES in mouse stomach with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-DES antibody

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.

Product Categories/Family for anti-DES antibody

Cardiac Stem Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	33563250
NCBI GeneID	13346
NCBI Accession #	NP_034173.1
NCBI GenBank Nucleotide #	NM_010043.2
UniProt Accession #	P31001
Molecular Weight	53,498 Da
NCBI Official Full Name	desmin
NCBI Official Synonym Full Names	desmin
NCBI Official Symbol	Des
NCBI Protein Information	desmin
UniProt Protein Name	Desmin
UniProt Gene Name	Des

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

