



DES

Intermediate filaments of skeletal, visceral, and certain smooth muscle cells

Antibody Information

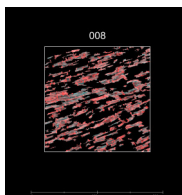
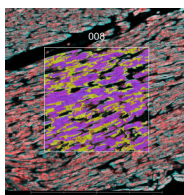
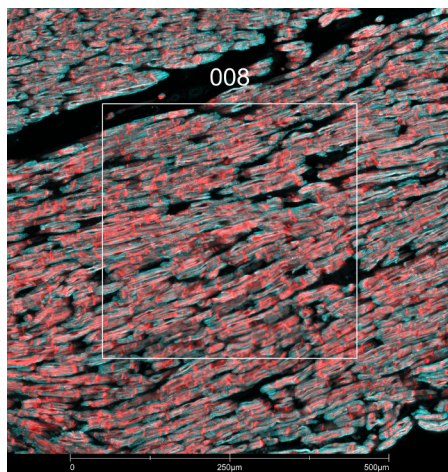
Clone ID	Y66
Fluorophore	AF647
Antibody Concentration	1 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	GR3416713-1

Immunofluorescent Screening Information

Tissue Type	Hs heart
Section Thickness	5 µm
HIER	10 min 100°C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	Abcam
Catalog Number/Web Link	ab195177



DES (red) localizes to intermediate filaments and smooth muscle in human heart (left image). The expression pattern of these DES+ intermediate filaments can be isolated from TNNI3+ myocardium (cyan) through GeoMx segmentation (right image).

Legend

DES: red
TNNI3: cyan
SYTO83: grey
Segmentation for DES: purple
Segmentation for TNNI3: yellow

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	4.5
ROI Type	Geometric or Segmented

* Recommendations above are meant to act as a starting point for your own experimental optimization

For more information, please visit nanosttring.com/GeoMxDSP

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