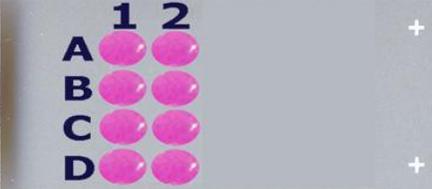


Cat No: A-ACTIN081 – Alpha-Actin IHC control Array

Lot#	Cores	Size	Cut	Format	QA/QC			
A-ACTIN081	8	1.5mm	4um	4X2	H&E, IHC anti-Alpha-Actin			

Recommended applications: Alpha-Actin IHC control with strong, moderate, low/negative expressers

Description: The array contains eight 1.5mm cores duplicated from four cases of appropriate tissue samples. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. As validated by IHC, A1, 2 is a strong (>3) expresser, B1, 2 is a moderate to strong (2~3) expresser, C1, 2 is weak to moderate (1~2.5) expresser while D1, 2 is weak or non-expresser of the Alpha-Actin molecule.

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)	Alpha-Actin Staining
A01	F	66	Peritoneal cavity, posterior	Leiomyosarcoma			3.3-3.6
A02	F	66	Peritoneal cavity, posterior	Leiomyosarcoma			3.3-3.6
B01	F	42	Uterus	Leiomyoma			2.0-3.0
B02	F	43	Uterus	Leiomyoma			2.0-3.0
C01	F	43	Uterus, cervix	Normal			1.0-2.5
C02	F	43	Uterus, cervix	Normal			1.0-2.5
D01	F	36	Skeletal muscle	Normal*			0-0.5
D02	F	36	Skeletal muscle	Normal*			0-0.5

Notes: Please bake the slides at 60C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength.

Certified by: Langxing Pan, M.D., Ph.D.

Interpretation of Pantomics IHC Analysis

"0" is negative. "0.5" is borderline staining with no significance. "1" is weak staining. "1.5" is weak staining with foci of moderate staining. "2" is moderate staining. "2.5" is moderate staining with foci of strong staining. "3" is homogeneous strong staining. "3.5" is very strong and homogeneous staining with no significant background. "4" is over staining usually with background staining.