

## Recommended protocol for Smad4

Obtained in run 57

19 Aug 2019

### Immunostainer

Type: Dako Omnis

### Primary antibody

Clone: D3R4N  
Producer: Cell Signaling  
Product no. / lot no.: 46535 / 2  
Diluent: Renoir Red Diluent  
Dilution factor: 1:125  
Incubation time / temperature: 30 min. / 36°C

### Epitope retrieval, HIER

Device: On Board / On Machine  
Buffer: Dako Omnis Target Retrieval Solution, High pH  
Heating time at max. temp.: 24 min.  
Maximum heating temp.: 97°C

### Visualization system

Producer: Dako Omnis  
Product / no: EnVision Flex / GV800/GV823  
Linker: Rabbit LINKER  
Incubation time linker: 10 min.  
Incubation time polymer: 20 min.  
Incubation temperature: 36°C

### Chromogen

Producer: Dako Omnis  
Product / no: DAB+ Substrate Chromogen System / GV825  
Incubation time / temperature: 10 min. / 36°C  
Enhancement: None

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