

## Recommended protocol for CD138

Obtained in run 69

23 Aug 2023

**Immunostainer**

Type: Ventana Benchmark Ultra

**Primary antibody**

Clone: MI15  
Producer: Dako  
Product no. / lot no.: M7228 / 41529168  
Diluent: Antibody Diluent  
Diluent producer / no.: Ventana / 251-018  
Dilution factor: 1:50  
Incubation time / temperature: 32 min. / 36°C

**Epitope retrieval, HIER**

Device: On Board / On Machine  
Buffer: Ventana Ultra CC1  
Heating time at max. temp.: 64 min.  
Maximum heating temp.: 100°C

**Visualization system**

Producer: Ventana  
Product / no: OptiView DAB IHC Detection Kit / 760-700  
Incubation time linker: 8 min.  
Incubation time polymer: 8 min.  
Incubation temperature: 36°C

**Chromogen**

Producer: Ventana  
Product / no: OptiView DAB IHC Detection Kit / 760-700  
Incubation time / temperature: 8 min. / 36°C  
Enhancement: CuSO<sub>4</sub>

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