

CoraLite®594-conjugated GSDMD Monoclonal antibody

Catalog Number: **CL594-66387**

Basic Information

Catalog Number:

CL594-66387

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG16827

GenBank Accession Number:

BC008904

GeneID (NCBI):

79792

UNIPROT ID:

P57764

Full Name:

gasdermin D

Calculated MW:

484 aa, 53 kDa

Observed MW:

47-53 kDa

Purification Method:

Protein A purification

CloneNo.:

2E6C7

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

Background Information

GSDMD is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. GSDMD has been suggested to act as a tumor suppressor. Recently, GSDMD is identified as a new component of inflammasomes, and it is an executor of pyroptosis and required for interleukin-1 β secretion. Cleavage of GSDMD by inflammatory caspases determines pyroptotic cell death.

Storage

Storage:

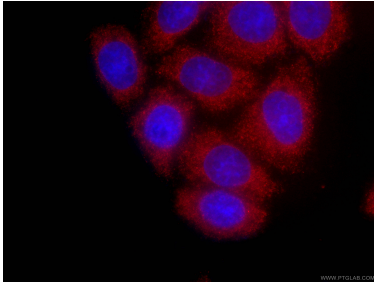
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL594-66387 (GSDMD antibody) at dilution of 1:100.