GASDERMIN-A | Validation File

TARGET Gasdermin-A/Gasdermin-1/GSDMA
CLONE NAME GAS120C
DESCRIPTION mouse monoclonal
ANTIGEN USED His-Gasdermin-A recombinant C-term protein (208-403aa)
ISOTYPE IgG2b
SPECIES REACTIVITY human
LOCALIZATION cytoplasm
POSITIVE CONTROL breast tumor
STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide
STORAGE Aliquot and store at 4C. Do not freeze

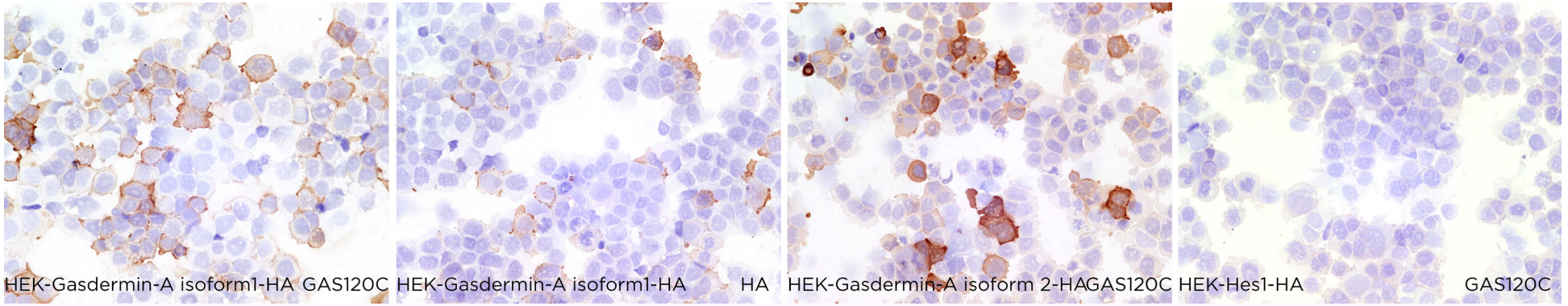
Recommended Inconclusive Not Recommended Not Tested

APPLICATIONS

| ICC | **Immunocytochemistry**

GAS120C is able to detect human Gasdemin-A protein in immunocytochemistry

To confirm that GAS120C mAb recognizes human Gasdemin-A protein, immunocytochemistry on frozen cytospin preparations of Gasdermin-A isoforms 1 and 2 expressed in HEK293T was performed. Anti-HA antibody was used as positive control. Hek-Hes1-HA transfected cells were used as negative control.



| WB | **Western Blotting**

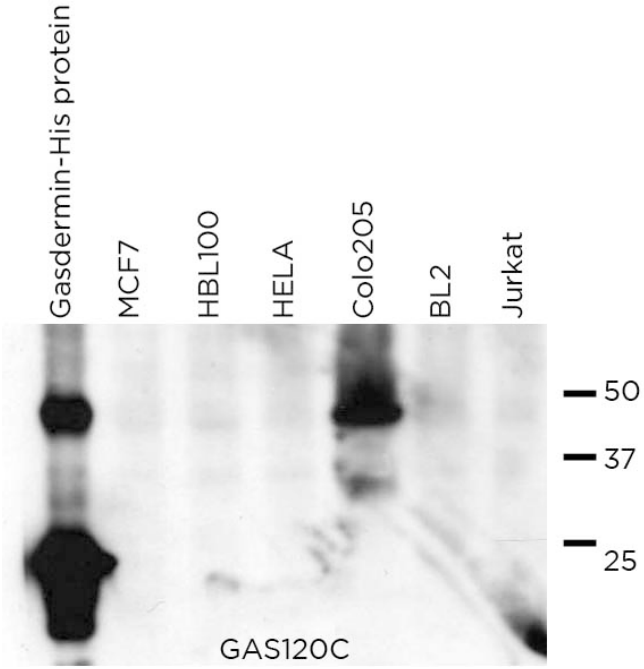
GAS120C mAb is able to detect human Gasdermin-A protein by WB.

DILUTION neat supernatant

Predicted molecular weight: **49kDa**
Observed molecular weight: **49kDa**

LANES

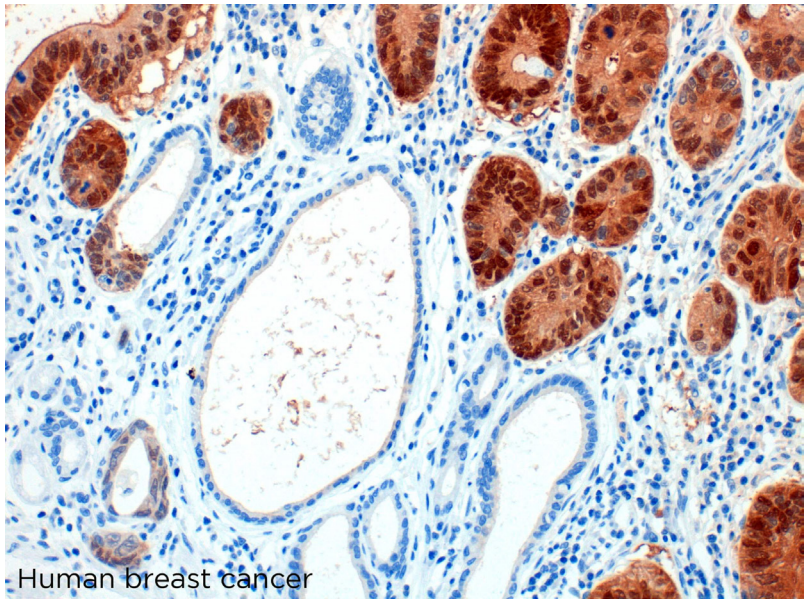
Lane 1 Gasdermin-A-His recombinant protein	(20ug) (+)
Lane 2 MCF7 cell line	(100ug) (-)
Lane 3 HBL100 cell line	(100ug) (-)
Lane 4 Hela cell line	(100ug) (-)
Lane 5 Colo205 cell line	(100ug) (+)
Lane 6 BL2 cell line	(100ug) (-)
Lane 7 Jurkat cell line	(100ug) (-)



| IHC-P | **Immunohistochemistry (paraffin)**

GAS120C mAb can be used to detect Gasdermin-A protein in human paraffin tissues

TISSUE SAMPLE Human breast cancer
DILUTION 1:5
ANT. RETRIEVAL 20 minutes ER2 (Tris-EDTA)
DETECTION SYSTEM Novolink kit (BondMax Leica)



Human breast cancer

| IF | **Immunofluorescence (paraffin)** Not tested

| IHC-F | **Immunohistochemistry (frozen)** Not tested

| FC | **Flow Cytometry** Not tested

| IP | **Immunoprecipitation** Not Tested