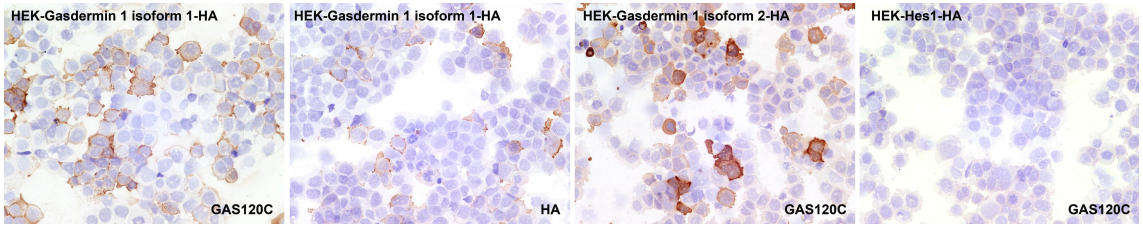
GASDERMIN-1

CONTACT INFORMATION:	Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas
STATUS:	Validated
TYPE:	mouse anti human
CLONE NAME:	GAS120C
PROTEIN:	Gasdermin-A (GSDMA)
PROTEIN WEB:	http://www.uniprot.org/uniprot/Q96QA5
ANTIGEN USED:	His-Gasdermin1 recombinant C-term protein (208-403aa)
FUSION PARTNER:	NS1/Ag4-1 (NS1) cells
ISOTYPE:	IgG2b
SPECIES REACTIVITY:	human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze

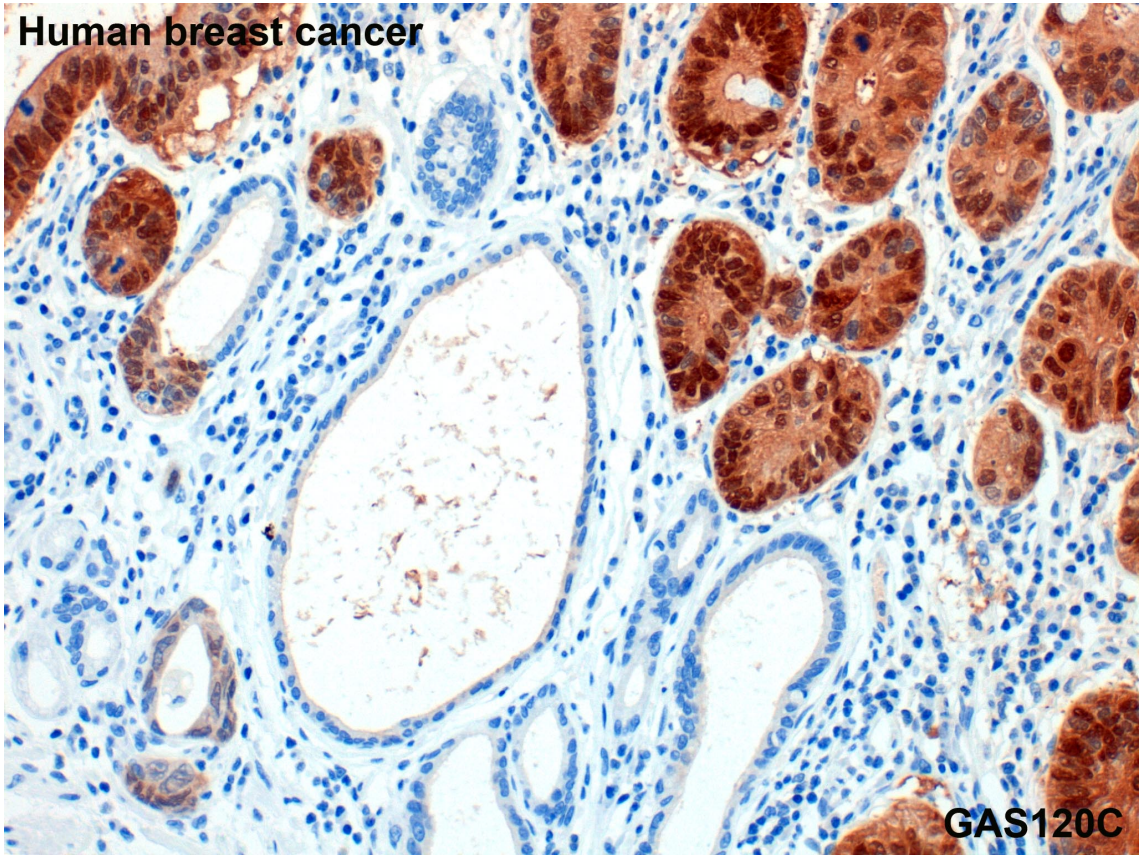
APPLICATIONS

IHC Techniques	Clone	Dilution	Antibody concentration	Antigen retrieval method	Visualization kit	Positive control	Negative control	Protein localization	Positivity in other species
Frozen tissue and cytospins									
Recommended	GAS1 20C	neat	supernatant						
Paraffin tissue									
Recommended	GAS1 20C	1:5	supernatant	Tris-EDTA		Human breast cancer			
Immunofluorescence									



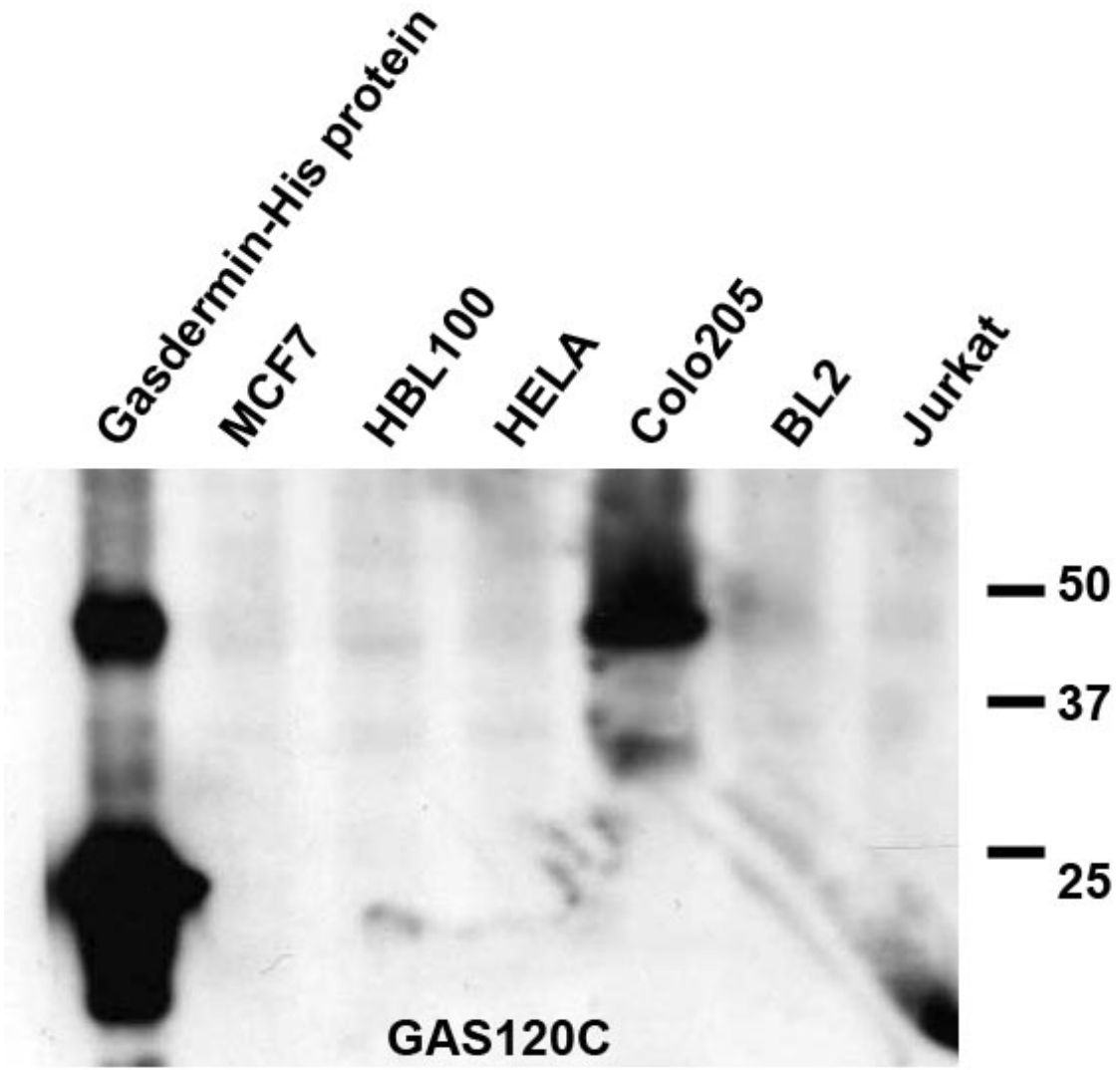
GAS120C mAb in transfected cells

To confirm that GAS120C mAb recognized human Gasdemin1 protein, immunohistochemistry on frozen cytospins preparations of Gasdermin1 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.



GAS120C antibody can be used to detect human Gasdermin1 protein in paraffin embedded tissue samples.

WB Techniques	Clone	Dilution	Antibody concentration	Positive control	Negative control	Expected MW	Observed Mw	Positivity in other species
Western Blotting								
Recommended	GAS120C	neat	supernatant	Colo205 cell line	HeLa cell line	49kDa	49kDa	
Immunoprecipitation								



GAS120C mAb is able to detect Gasdermin1 protein by WB.

Lane 1 Gasdermin-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) (-)