

Anti-C19orf35 Antibody [3-B7-G3]

M1001-1



Product Type:	Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Human
Applications:	WB, IF-Cell, IHC-P
Molecular Wt:	Predicted band size: 51 kDa
Clone number:	3-B7-G3

Description: C19orf35 and CNRIP1 were specific to diffuse-type compared to the intestinal-type subgroups. Both revealed a similar level of methylation in CNM regardless of the histologic subtype of tumor while the methylation of the tumor tissue varied with the histologic type. C19orf35 was hypermethylated but CNRIP1 was hypomethylated in diffuse-type tumors compared to the CNM while it had an opposite trend in the tumors of the intestinal-type and mixed-type subgroups. Importantly, research suggest the possibility of utilizing these genes as specific markers for diffuse-type GCs. On the other hand, the function of C19orf35 is still unknown while frequent methylation of CNRIP1 has recently been reported in colorectal cancers and adenoma.

Immunogen: Recombinant protein within Human C19orf35 aa 1-473 / 473.

Positive control: Recombinant protein, Hela, MCF-7, PC-3M, human tonsil tissue, human lung tissue, human uterus tissue, human breast tissue.

Subcellular location: Actin cytoskeleton.

Database links: SwissProt: Q6ZS72 Human

Recommended Dilutions:

WB	1:500-1:1,000
IF-Cell	1:50-1:200
IHC-P	1:50-1:200

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

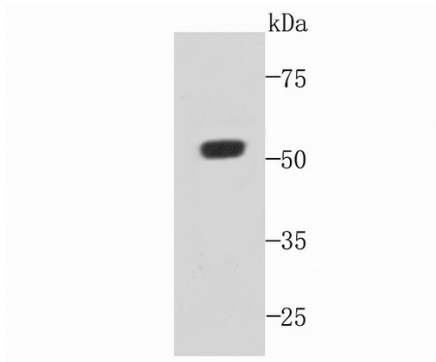


Fig1: Western blot analysis of C19orf35 on recombinant protein using anti-C19orf35 antibody at 1/1,000 dilution.

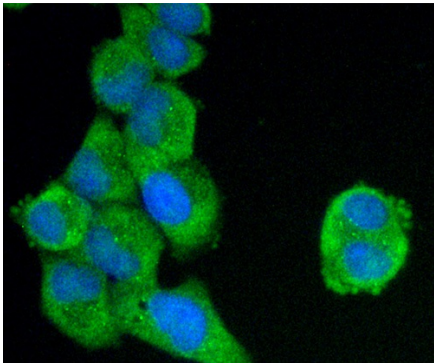


Fig2: ICC staining C19orf35 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

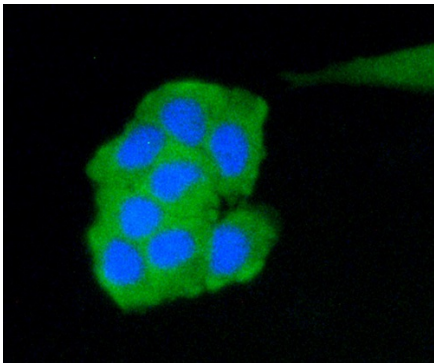


Fig3: ICC staining C19orf35 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

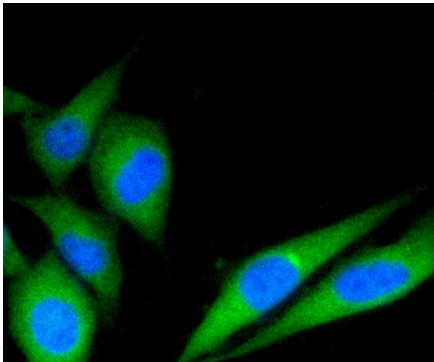


Fig4: ICC staining C19orf35 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

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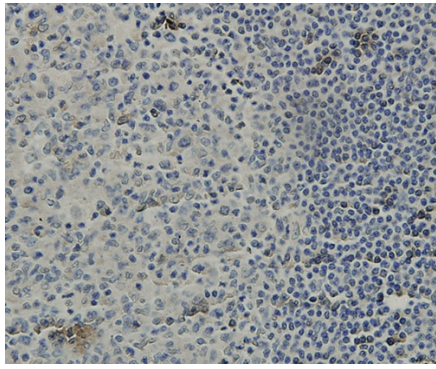


Fig5: Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-C19orf35 antibody. Counter stained with hematoxylin.

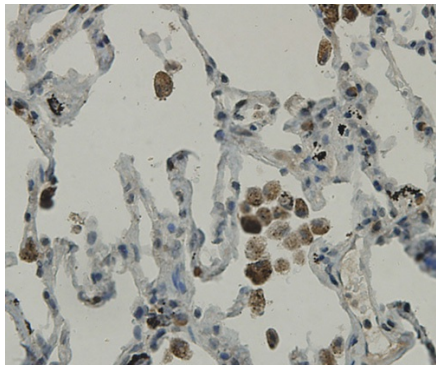


Fig6: Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-C19orf35 antibody. Counter stained with hematoxylin.

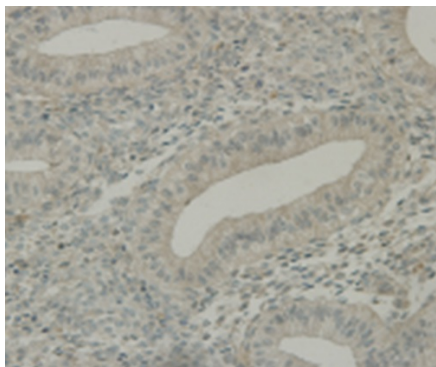


Fig7: Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-C19orf35 antibody. Counter stained with hematoxylin.

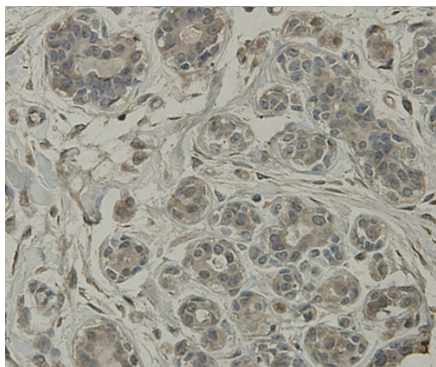


Fig8: Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-C19orf35 antibody. Counter stained with hematoxylin.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Chong Y et al. DNA methylation status of a distinctively different subset of genes is associated with each histologic Lauren classification subtype in early gastric carcinogenesis. *Oncol Rep* 31(6):2535-44 (2014).

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