Anti-Gli1 Antibody [F8-B9]

EM1708-22

Product Type:	Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Human
Applications:	IF-Cell, IHC-P, FC
Molecular Wt:	118 kDa
Clone number:	F8-B9

Description: Acts as a transcriptional activator. May regulate the transcription of specific genes during normal development. May play a role in craniofacial development and digital development, as well as development of the central nervous system and gastrointestinal tract. Mediates SHH signaling and thus cell proliferation and differentiation.

Immunogen: Recombinant protein

Positive control: Human GLI1 recombinant protein, GLI1-hIgGFc transfected HEK293 cell lysate, Hela, HepG2, human ovarian cancer tissue, human esophageal cancer tissue.

Subcellular location: Cytoplasm. Nucleus.

Database links: SwissProt: P08151 Human

Recommended Dilutions:

IF-cell	1:50-1:200
IHC-P	1:50-1:200
FC	1:100-1:200

Storage Buffer: Purified antibody in PBS with 0.05% sodium azide.

Storage Instruction: 4℃; -20℃ for long term storage.

Purity: Protein A affinity purified.

Images

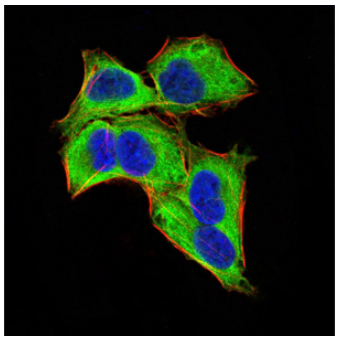

Fig1: ICC staining GLI1 (green) and Actin filaments (red) in Hela cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

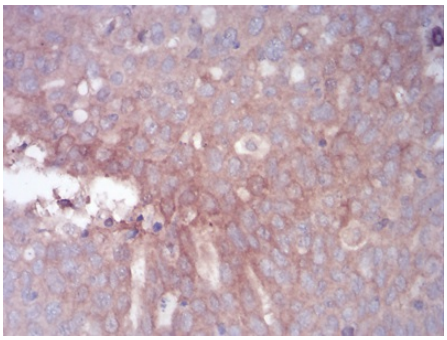

Fig2: Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissue using anti-GLI1 antibody. Counter stained with hematoxylin.

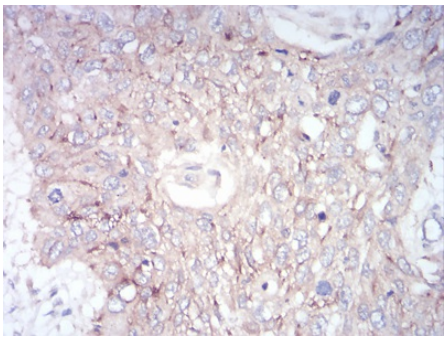

Fig3: Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissue using anti-GLI1 antibody. Counter stained with hematoxylin.

Background References

1. Lin Z et al. Inhibition of the CyclinD1 promoter in response to sonic hedgehog signaling pathway transduction is mediated by Gli1. Exp Ther Med 13:307-314 (2017).
2. Li P et al. Nestin Mediates Hedgehog Pathway Tumorigenesis. Cancer Res 76:5573-83 (2016).