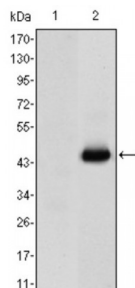


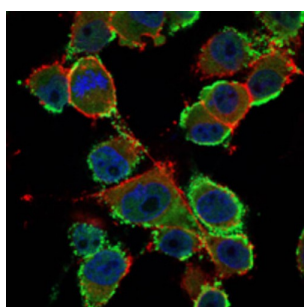
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Carcinoembryonic Antigen (CEA) Antibody

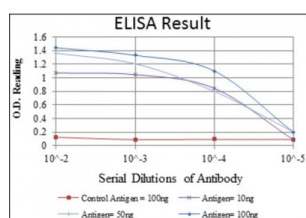
Catalogue No.: abx010489



Western blot analysis using CEA antibody against HEK293 (1) and CEA (AA: 460-600) - hlgGfC transfected HEK293 (2) cell lysate.



Immunofluorescence analysis of PANC-1 cells using CEA antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Carcino Embryonic Antigen (CEA) is synthesised during development in the fetal gut, and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. Antibodies to CEA are useful in identifying the origin of various metastatic adenocarcinomas and in distinguishing pulmonary adenocarcinomas (60 to 70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+).

Target:	CEA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Tested Applications:	ELISA, WB, IF/ICC

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Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Purified recombinant fragment of human CEA expressed in E. Coli.

Purification: Unpurified Ascites.

Isotype: IgG₁

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: 77 kDa

Swiss Prot: [P06731](#)

GeneID: [1048](#)

Gene Symbol: CEACAM5

OMIM: [114890](#)

HGNC: 1817

Ensembl: ENSG00000105388

Buffer: Ascitic fluid containing 0.03% sodium azide.

Note: This product is for research use only.