PAA150Hu71
Biotin-linked Antibody to Carcinoembryonic Antigen (CEA)
Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[ PRODUCT INFORMATION ]

Immunogen: CEA, Human
Clonality: Polyclonal
Conjugation: Biotin
Host: Rabbit
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200μg/mL
UOM: 100μg

[ IMMUNOGEN INFORMATION ]

Immunogen: Recombinant CEA (Pro93~Val221) with N-terminal His-Tag expressed in *E.coli*.
Accession No.: RPA150Hu01

[ ANTIBODY SPECIFICITY ]

The antibody is a rabbit polyclonal antibody raised against CEA. It has been selected for its ability to recognize CEA in immunohistochemical staining and western blotting.

[ APPLICATIONS ]

Western blotting: 1:50-400
Immunocytochemistry in formalin fixed cells: 1:50-500
Immunohistochemistry in formalin fixed frozen section: 1:50-500
Immunohistochemistry in paraffin section: 1:10-100
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.
[ CONTENTS ]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[ QUALITY CONTROL ]

Content: The quality control contains recombinant CEA (Pro93~Val221) disposed in loading buffer.
Usage: 10uL per well when 3,3'-Diaminobenzidine (DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).
Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.
Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[ STORAGE ]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

[ IMAGES ]

Western Blot

Used in Western Blot, Sample: Recombinant CEA, Human