

## Product datasheet

# Anti-Carcino Embryonic Antigen CEA antibody ab33562

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### Overview

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<b>Product name</b>	Anti-Carcino Embryonic Antigen CEA antibody
<b>Description</b>	Rabbit polyclonal to Carcino Embryonic Antigen CEA
<b>Host species</b>	Rabbit
<b>Specificity</b>	Recognizes human CEA and CEA like proteins such as non specific crossreacting antigen (NCA), NCA2, and biliary glycoprotein (BGP1). Has been absorbed with plasma proteins and blood group antigens A and B.
<b>Tested applications</b>	<b>Suitable for:</b> IP, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human <b>Does not react with:</b> Dog
<b>Immunogen</b>	Human Carcino Embryonic Antigen CEA isolated from hepatic metastasis of colon adenocarcinoma
<b>Positive control</b>	LS174T cells or colon carcinoma.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: 0.2% BSA, PBS, pH 7.4
<b>Purity</b>	IgG fraction
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab33562** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		1/200. Predicted molecular weight: 77 kDa.
IHC-P		1/500 - 1/1000. Antigen retrieval is not essential but may optimise staining.

## Target

<b>Function</b>	Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E.coli Dr adhesins.
<b>Tissue specificity</b>	Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.
<b>Sequence similarities</b>	Belongs to the immunoglobulin superfamily. CEA family. Contains 7 Ig-like (immunoglobulin-like) domains.
<b>Post-translational modifications</b>	Complex immunoreactive glycoprotein with a MW of 180 kDa comprising 60% carbohydrate.
<b>Cellular localization</b>	Cell membrane.

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