

## Rabbit anti-CEA/CD66e

**Cat. No. and Size:** **503-2974:** 1 ml immunogen affinity purified immunoglobulin from rabbit serum in 10 mM PBS, pH 7.4, with BSA and % sodium azide.  
**503-2971:** 7 ml prediluted antibody in a 50 mM Tris buffer pH 7.6 with 1 % BSA and 0.1 % sodium azide.

**Intended Use:** For research use only. Not for use in diagnostic procedures.  
**Clone:** N/A  
**Immunogen:** Purified human CEA  
**Ig Isotype:** Rabbit IgG  
**Epitope:** Not determined  
**Molecular Weight:** 84 kDa  
**Species Reactivity:** Human (tested). Others not tested.

**Description:** Carcinoembryonic antigen (CEA) is synthesized during development in the fetal gut, and is reexpressed in increased amounts in intestinal carcinomas and several other tumors. Antibody to CEA is reportedly useful in identifying the origin of various metastatic adenocarcinomas and in distinguishing pulmonary adenocarcinomas (60-70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+).

**Applications:** Immunohistochemistry (IHC) on formalin-fixed, paraffin-embedded tissue sections. Other applications recommended but not tested: Western Blotting.

**IHC Procedure:** **Antibody Dilution:** If using the concentrate format of this product, dilute the antibody 1:200. The dilutions are estimates; actual results may differ because of variability in methods and protocols.  
**Antigen Retrieval:** No special pretreatment necessary.  
**Primary Antibody incubation:** Incubate for 10 minutes at RT.

**Positive Control:** Colon carcinomas  
**Cellular Localization:** Cytoplasmic and luminal membrane

**Storage and Stability:** Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. Every antibody is expiration dated. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date. There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.

March 18, 2011

Rev: A0311

Doc: 503-2974\_2971

Explanation of the symbols on the product label:

<b>REF</b>	Bestellnummer Catalog Number Reference du catalogue		Verwendbar bis Use By Utiliser jusque		Gebrauchsanweisung beachten Consult Instructions for use Consulter les instructions d'utilisation
<b>LOT</b>	Chargenbezeichnung Batch Code Code du lot		Lagerungstemperatur Temperature Limitation Limites de température	<b>RUO</b>	Nur für Forschungszwecke For Research Use Only Pour la recherche uniquement
<b>IVD</b>	In vitro Diagnostikum In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro		Achtung Warning Attention	 Hersteller / Manufacturer / Fabricant Zytomed Systems GmbH • Anhaltinerstraße 16 14163 Berlin, Germany • Tel: (+49) 30-804 984 990 www.zytomed-systems.de	