

Datasheet for ABIN335404

anti-CEA antibody[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	0.1 mg
Target:	CEA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	PARLAM 4 is a mouse monoclonal IgG1 antibody derived by fusion of Sp 2/0 Ag 14 mouse myeloma cells with spleen cells from a BABL/c mouse immunized with isolated human CEA. The immunogen has been isolated from human colonic carcinoma cells.
Clone:	PARLAM 4
Isotype:	IgG1
Specificity:	Human.

Target Details

Target:	CEA
Alternative Name:	Carcinoembryonic Antigen / CEA (CEA Products)

Target Details

Background: This monoclonal antibody is reactive with human carcinoembryonic antigen (CEA), a tumour associated antigen with oncofetal characteristics. Although CEA can be found in tissues of non-neoplastic diseases and normal epithelia, it occurs also in a large variety of carcinomas. Therefore, immunohistochemical detection of CEA is frequently used for the histopathological diagnosis of human tumours.

Application Details

Application Notes: Most polyclonal CEA antisera show cross-reactivity with related antigens such as biliary glycoprotein (BGP) and non-specific cross-reacting antigen 1/11 (NCA). PARLAM 4 does not show cross reactivity, neither with BGP nor with NCA. In immunoblotting the antibody recognizes a single band of 180 kD.

Restrictions: For Research Use only

Handling

Storage: 4 °C

Publications

Product cited in: Taal, Hageman, Delemarre, Bonfrère, den Hartog Jager: "Metastatic ovarian or colonic cancer: a clinical challenge." in: **European journal of cancer (Oxford, England : 1990)**, Vol. 28, Issue 2-3, pp. 394-9, (1992) ([PubMed](#)).

Henzen-Logmans, Schipper, Poels, Stolk, Kenemans, Meyer: "Use of statistical evaluation of antigen profiles in differential diagnosis between colonic and ovarian adenocarcinomas." in: **Journal of clinical pathology**, Vol. 41, Issue 6, pp. 644-9, (1988) ([PubMed](#)).

Verstijnen, Arends, Moerkerk, Warnaar, Hilgers, Bosman: "CEA-specificity of CEA-reactive monoclonal antibodies. Immunochemical and immunocytochemical studies." in: **Anticancer research**, Vol. 6, Issue 1, pp. 97-104, (1986) ([PubMed](#)).

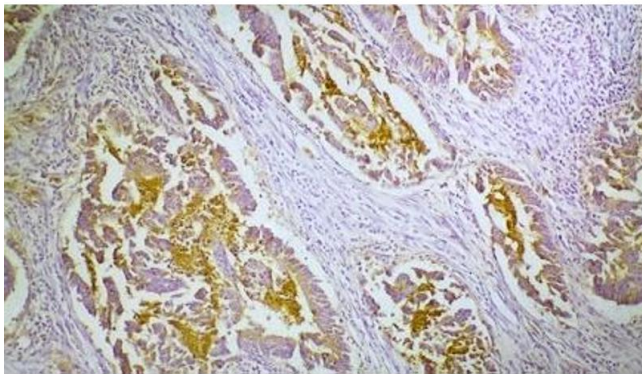


Image 1.