

Mouse anti-CEA-2, clone 12-140-10 (monoclonal)

Clone no. 12-140-10

MONXtra

Product name	Mouse anti-CEA-2, clone 12-140-10 (monoclonal)
Host	Mouse
Applications	IHC-P (1:200)
Species reactivity	human
Conjugate	-
Immunogen	CEA isolated from liver metastasis of colorectal carcinomas by PCA extraction followed by ion exchange and gel filtration chromatography.
Isotype	IgG1
Clonality	Monoclonal
Clone number	12-140-10
Size	1ml
Concentration	Greater than or equal to 38 mg/L
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Carcinoembryonic antigen (CEA),(CD66e) is a heterogeneous cell surface glycoprotein produced by cells of fetal colon. Low levels are also found on normal mucosal epithelia of the adult colon and a variety of other normal tissues. CEA is encoded by the CEA gene, which is located on chromosome 19. It is a member of the CEA gene family, which in turn is a subfamily of the immunoglobulin superfamily. Cell adhesion properties are now well recognized for CEA. It is believed that the expression of this glycoprotein in conjunction with other known adhesion molecules will influence the cell-cell interaction.

References

1. Lee OJ and Lee HC. The Korean Journal of Pathology. 2010; 44: 666-669
2. Chung-Chin Y et al. Archives of Gynecology and Obstetrics 2009;208:3: 405-413
3. Gimelli S et al. Molecular Cancer 2009;8: 52-65
4. Liao CL et al. Journal of Translational Medicine 2009;7:(1): 1-9
5. Raspollini MR et al. Archives of Pathology and Laboratory Medicine 2003;127:1

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