

## ARG10083 anti-Colorectal carcinoma antibody [Y94]

Package: 100 µg, 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [Y94] recognizes Colorectal Carcinoma
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	Y94
Isotype	IgG1, kappa
Target Name	Colorectal carcinoma
Species	Human
Immunogen	Human colorectal carcinoma
Conjugation	Un-conjugated

### Application Instructions

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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### Properties

Form	Liquid
Purification	Protein G affinity purified
Buffer	0.01M PBS (pH 7.0)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Background	Colorectal carcinoma is the cancer developed in the colon or rectum of the digestive system. In developed countries, it is the most common cancer in aging population. Genetic deposition and a less active life style contribute to the development of the cancer. Molecular pathological study showed that altered Wnt-APC-β-catenin signalling pathway, mutated p53, and deactivated TGF-β and DCC (Deleted in Colon Cancer) are involved with the pathogenesis. The cancer is currently screened with a fecal occult blood test in people over 50 years old and the malignancy is confirmed by tumour biopsy. The search for specific biomarker for non-invasive test is still ongoing. Tumour associated antigen, TAG-72,
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is a high molecular weight glycoprotein found at the cell surface in a variety of cancers including gastric cancer, ovarian cancer, colon cancer, breast cancer and pancreatic cancer. It has been used as a tumour marker and therapeutic target for cancer treatment.

**Highlight**

Related Antibody Duos and Panels:

[ARG30013 Colorectal Carcinoma Marker Antibody Duo \(Colorectal carcinoma antibody, PKM2\)](#)

Related products:

[Colorectal carcinoma antibodies;](#) [Colorectal carcinoma Duos / Panels;](#) [Anti-Mouse IgG secondary antibodies;](#)

**Research Area**

Controls and Markers antibody; Colorectal Carcinoma Marker antibody