

## Product Datasheet

### TAG-72 Antibody [SPM148] (orb1251945)

<b>Catalog Number</b>	orb1251945
<b>Category</b>	Antibodies
<b>Description</b>	TAG-72 Antibody [SPM148]
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Bovine, Canine, Hamster, Human, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	0.2 mg/mL
<b>Buffer/Preservatives</b>	PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
<b>Purification</b>	Protein G affinity chromatography
<b>Immunogen</b>	A membrane-enriched fraction of a human breast carcinoma liver metastasis was used as the immunogen for this TAG-72 antibody.
<b>UniProt ID</b>	NotKnown
<b>Tested applications</b>	FC, IF, IHC

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Application notes**

Flow Cytometry: 0.5-1 ug/million cells in 0.1ml  
Immunofluorescence: 1-2 µg/ml  
Immunohistochemistry (FFPE): : 0.5-1 µg/mL for 30 minutes at RT  
(1) Prediluted format: incubate for 30 min at RT (2) The optimal dilution of the TAG-72 antibody for each application should be determined by the researcher.  
1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.  
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

**Antibody Type**

Primary Antibody

**Clone Number**

SPM148

**Modifications**

None

**Storage**

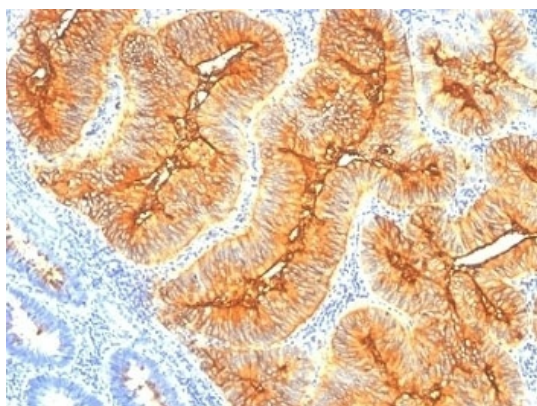
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

For research use only

**Expiration Date**

12 months from date of receipt.



Formalin-fixed, paraffin-embedded human colon carcinoma stained with TAG-72 antibody (SPM148).

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)