

Product Datasheet

Anti-CD52 [Alemtuzumab (Campath-1H)] (orb348863)

| | |
|-----------------------------|-----------------------------------|
| Catalog Number | orb348863 |
| Category | Antibodies |
| Description | Human monoclonal antibody to CD52 |
| Target | CD52 |
| Clonality | Monoclonal |
| Species/Host | Human |
| Isotype | IgG1 |
| Conjugation | Unconjugated |
| Reactivity | Human, Primate |
| Concentration | 1 mg/ml |
| Buffer/Preservatives | PBS with 0.02% Proclin 300. |
| Purity | Purified |
| Immunogen | Human lymphocytes. |
| UniProt ID | P31358 |
| Tested applications | ELISA, FC, IHC-Fr, IHC-P, WB |

Biorbyt Ltd.

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

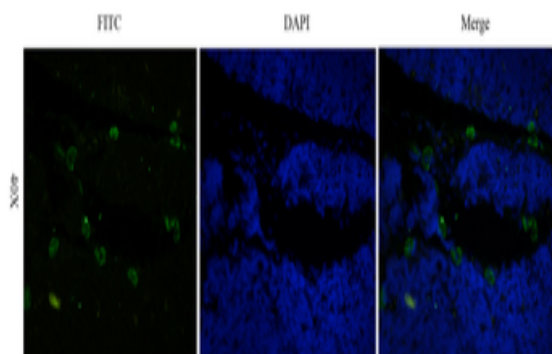
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

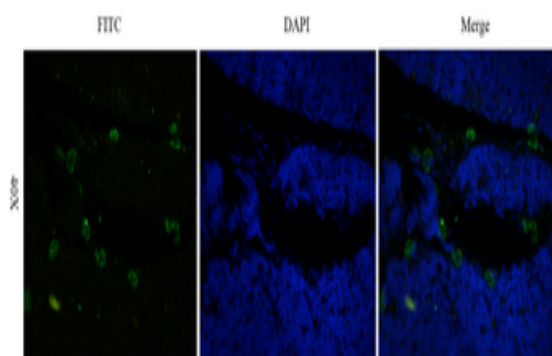
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

| | |
|------------------------|---|
| Specificity | Human CD52 antigen, also known as CAMPATH-1. CD52 is expressed at high density by lymphocytes, monocytes, eosinophils, thymocytes and macrophages. It is expressed by most lymphoid derived malignancies, although expression on myeloma cells is variable. |
| Clone Number | Alemtuzumab (Campath-1H) |
| 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. |



Immunofluorescence staining of fixed rat thymus tissue with anti-CD52 antibody Campath-1H. Immunofluorescence analysis of fixed rat thymus tissue stained with the chimeric human IgG1 version of Campath-1H (orb348863) at 5 µg/ml followed by a FITC conjugated secondary antibody, showing membrane and cytoplasmic staining of a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right; orb348863 (FITC), DAPI and merged channels.



Immunofluorescent staining of rat thymus using anti-CD52 antibody. Formaldehyde-fixed rat thymus slices were stained with orb348863 at 5 µg/ml and detected with a FITC-conjugated secondary antibody.

Biorbyt Ltd.

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

Email: info@biorbyt.com, support@biorbyt.com

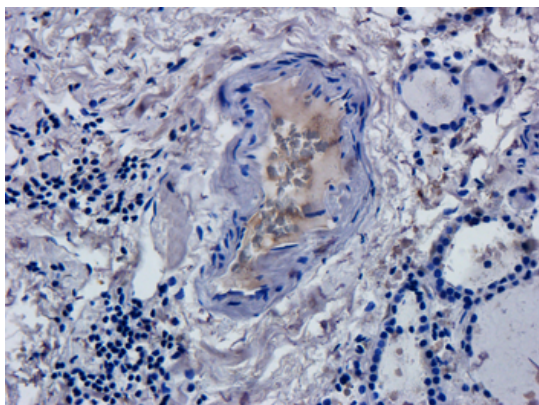
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

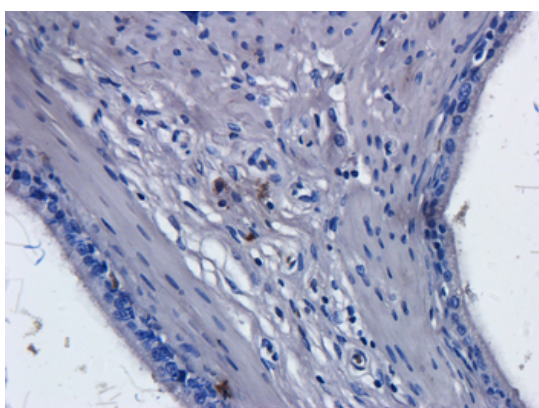
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

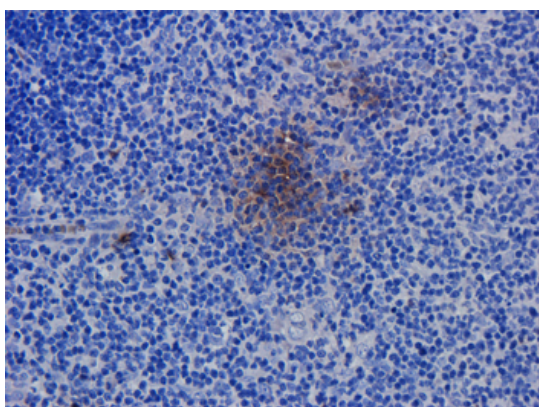
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Immunohistochemical staining of human thyroid cancer using anti-CD52 antibody. Formalin fixed human thyroid cancer slices were stained with orb348863 at 5 µg/ml.



Immunohistochemical staining of rat epididymis tissue using anti-CD52 antibody Campath-1H. Anti-CD52 staining of formaldehyde fixed paraffin embedded rat epididymis tissue, at 40x magnification. The human IgG1-chimeric version of Campath-1H (orb348863) was used to stain samples at a concentration of 5 µg/ml.



Immunohistochemical staining of rat spleen tissue using anti-CD52 antibody Campath-1H. Anti-CD52 staining of formaldehyde fixed paraffin embedded rat spleen tissue, at 40x magnification. The human IgG1-chimeric version of Campath-1H (orb348863) was used to stain samples at a concentration of 5 µg/ml.

Biorbyt Ltd.

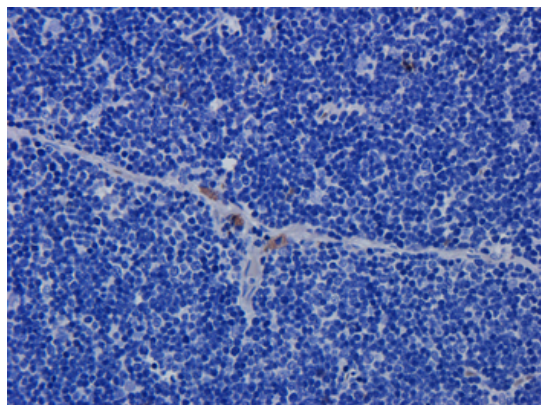
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

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

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Immunohistochemical staining of rat thymus tissue using anti-CD52 antibody Campath-1H. Anti-CD52 staining of formaldehyde fixed paraffin embedded rat thymus tissue, at 40x magnification. The human IgG1-chimeric version of Campath-1H (orb348863) was used to stain samples at a concentration of 5 µg/ml.

Biorbyt Ltd.

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

Email: info@biorbyt.com, 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, support@biorbyt.com

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