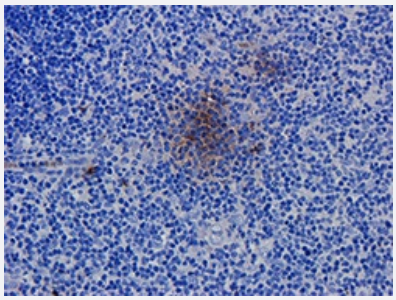
RecomAb™

CD52 recombinant monoclonal antibody, clone Campath-1H

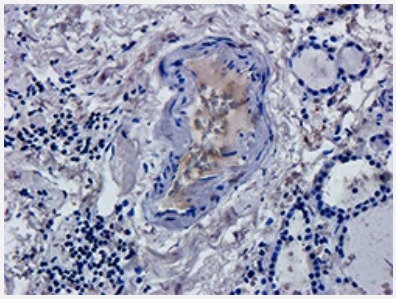
Catalog # RAB01148 Size 200 ug

Applications



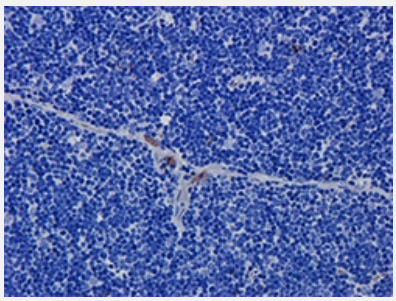
Immunohistochemistry

Immunohistochemistry analysis of formaldehyde fixed paraffin embedded rat spleen tissue, at 40x magnification. The human IgG1-chimeric version of Campath-1H was used to stain samples at a concentration of 5 ug/mL.



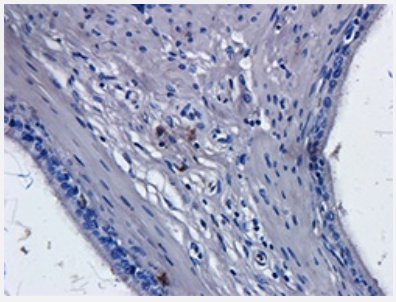
Immunohistochemistry

Immunohistochemistry analysis of formalin fixed human thyroid cancer slices were were stained at 5 ug/mL.



Immunohistochemistry

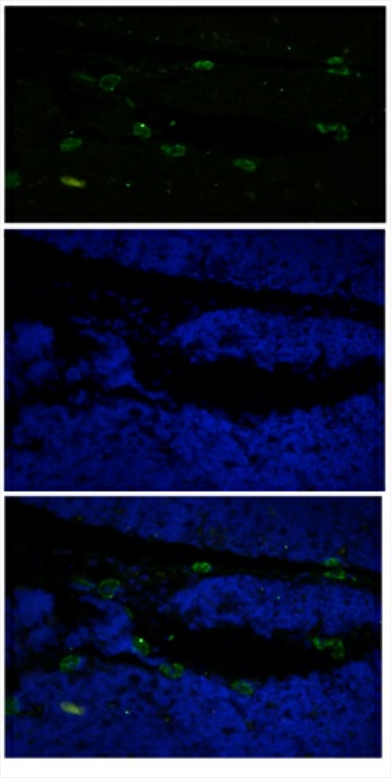
Immunohistochemistry analysis of formaldehyde fixed paraffin embedded rat thymus tissue, at 40x magnification. The human IgG1-chimeric version of Campath-1H was used to stain samples at a concentration of 5 ug/mL.



Immunohistochemistry

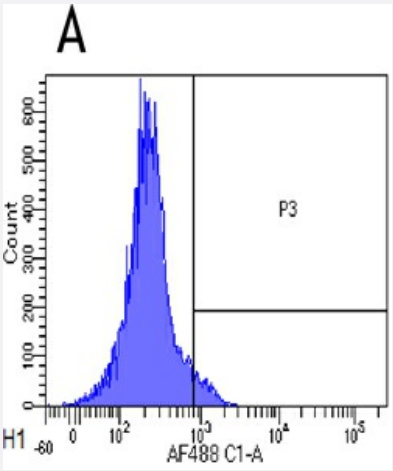
Immunohistochemistry analysis of formaldehyde fixed paraffin embedded rat epididymis tissue, at 40x magnification. The human IgG1-chimeric version of Campath-1H was used to stain samples at a concentration of 5 ug/mL.

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Immunofluorescence

Immunofluorescence analysis of fixed rat thymus tissue stained with the chimeric human IgG1 version of Campath-1H at 5 ug/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; FITC, DAPI and merged channels.



Flow Cytometry

Flow-cytometry were stained with an isotype control at a concentration of 1 ug/mL for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.

Specification

Product Description	Rat recombinant monoclonal antibody raised against human CD52.
Antibody Species	Rat
Immunogen	Original antibody is raised against human lymphocytes.
Reactivity	Human

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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.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A affinity purification
Isotype	IgG2b, Kappa
Recommend Usage	Flow cytometry Immunofluorescence Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Applications

- Immunohistochemistry

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- Immunofluorescence

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Gene Info — CD52

Entrez GeneID	1043
Protein Accession#	P31358
Gene Name	CD52
Gene Alias	CDW52
Gene Description	CD52 molecule
Omim ID	114280
Gene Ontology	Hyperlink
Other Designations	CD52 antigen|CD52 antigen (CAMPATH-1 antigen)|CDW52 antigen (CAMPATH-1 antigen)|OTTHUMP00000003570

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