Product Datasheet

ZAP70 Antibody (2F3.2) [CoraFluor™ 1] NBP2-47774CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP2-47774CL1

Updated 10/22/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications
Submit a review at www.novusbio.com/reviews/destination/NBP2-47774CL1



NBP2-47774CL1

ZAP70 Antibody (2F3.2) [CoraFluor™ 1]

Unit Size	ZAL 10 Altibody (21 3.2) [Colai idol 1]	
Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Store at 4C in the dark. Do not freeze. Clonality Monoclonal Clone 2F3.2 Preservative No Preservative IgG2a Kappa Conjugate CoraFluor 1 Purity Protein A or G purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, temary complex, protein-protein interaction and protein quantification assays. Host Gene ID 7535 Gene Symbol ZAP70 Species Human Marker Chronic Lymphocytic Leukemia Marker Specificity/Sensitivity ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of correlation cells from patients with Ig-unmutated and Ig-unmutated CLL, the antibody labels a band corresponding to ZAP70. In Western blotting of twhole cell lysates of Ad31 cells (Carcinoma cells from patients with Ig-unmutated CLL samples, whereas no band is observed in the Ig-mutated CLL samples. In Western blotting of cell lysates of Ad31 cells (Carcinoma cell line), no band is observed in the Ig-mutated CLL samples. In Western blotting of cell lysates of Ad31 cells (Carcinoma cell line), no band is observed in the Ig-mutated CLL samples. In Western blotting of cell lysates of Ad31 cells (Carcinoma cell line), no band is observed in the Ig-mutated CLL samples. In Western blotting of the Ig-unmutated CLL samples. In Western blotting of cell lysates of Ad31 cells (Carcinoma cell line), no band is observed in the Ig-mutated CLL samples. Average and can ide	Product Information	
Storage Stora t 4C in the dark. Do not freeze. Clonality Monoclonal Clone 2F3.2 Preservative No Preservative Isotype IgG2a Kappa Conjugate CoraFluor 1 Purity Protein A or G purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Mouse Gene ID 7535 Gene Symbol ZAP70 Species Human Marker Chronic Lymphocytic Leukemia Marker Specificity/Sensitivity ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western biotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western biotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western biotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In the Igumutated CLL, samples. In Western biotting of cell lysates of USAP70 in the Igumutated CLL samples. In Western biotting of cell lysates of AV31 cells (carcinoma cell line), no band is observed in the Ig-mutated CLL samples. In Alter and the Igramutated CLL samples in Individual cells for proximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 postein in Jumutated CLL cases have been shown to have a poorer prognosis.	Unit Size	0.1 ml
Clonality Monoclonal ZF3.2 Preservative No Preservative IgG2a Kappa CoraFluor 1 Purity Protein A or G purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, s45 nm, 585 nm and 620 nm. it is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Mouse Gene ID 7535 Gene Symbol ZAP70 Species Human Marker Chronic Lymphocytic Leukemia Marker Specificity/Sensitivity ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western biotting of whole cell lysates of normal peripheral blood monounclear cells, the antibody labels a band corresponding to ZAP70. In Western biotting of whole cell lysates of normal peripheral blood monounclear cells, the antibody labels a band corresponding to ZAP70. In Western biotting of whole cell lysates of normal peripheral blood monounclear cells, the antibody labels a band corresponding to ZAP70. In Western biotting of or CD19-positive Purified eleukemia cells from patients with g-unmutated and Igmuntated CLL samples, whereas no band is observed in He-gmutated CLL samples. In Western biotting of cell lysates of Jurkat cells (T-lymphoblastic cell line), the antibody labels a band of 70kDa protein. In Western biotting of cell lysates of A431 cells (carcinoma cell line), no band is observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 positive Ig-unmutated CLL cases have been shown	Concentration	·
Clone 2F3.2 Preservative No Preservative Isotype IgG2a Kappa Conjugate CoraFluor 1 Purity Protein A or G purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Mouse Gene ID 7535 Gene Symbol ZAP70 Species Human Marker Chronic Lymphocytic Leukemia Marker Specificity/Sensitivity ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of CD19-positive Purified leukemia cells from patients with Ig-unmutated and Ig-unmutated CLL, the antibody labels a band corresponding to ZAP70. In Western blotting of cell lysates of CD19-positive Purified leukemia cells from patients with Ig-unmutated CLL samples. In Western blotting of cell lysates of A431 cells (carcinoma cell line), no band is observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 persesion is an excellent surrogate marker for the distinction between the Ig-mutated CLL cases have been shown to have a poorer prognosis. Immunogen	Storage	Store at 4C in the dark. Do not freeze.
Preservative No Preservative	Clonality	Monoclonal
IgG2a Kappa	Clone	2F3.2
Conjugate CoraFluor 1 Purity Protein A or G purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 520 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Mouse Gene ID 7535 Gene Symbol ZAP70 Species Human Marker Chronic Lymphocytic Leukemia Marker Specificity/Sensitivity ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the lgVH gene. In Western blotting of whole cell lysates of cornal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western blotting of whole cell lysates of CD19-positive Purified leukemia cells from patients with lg-unmutated CLL samples, whereas no band is observed in the Ig-mutated CLL samples. In Western blotting of ZAP70 in the Ig-unmutated CLL samples, whereas no band is observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 positive) current and including properation of propagative purified leukemia cells of approximately and its observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 positive) LL subtypes and can identify patient groups with divergent clinical courses. The anti-ZAP70 positive lg-unmutated CLL cases have been shown to have a poorer prognosis.	Preservative	No Preservative
Purity Protein A or G purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Mouse Gene ID 7535 Gene Symbol ZAP70 Species Human Marker Chronic Lymphocytic Leukemia Marker Specificity/Sensitivity ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of normal peripheral blood monouclear cells, the antibody labels a band corresponding to ZAP70. In Western blotting of whole cell lysates of CD19-positive Purified leukemia cells from patients with g-unmutated and Igmutated CLL, the antibody labels a band corresponding to ZAP70 in the Igunmutated CLL samples, whereas no band is observed in the Ig-mutated CLL samples, whereas no band is observed. ZAP70 rotein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate marker for the distinction between the Ig-mutated CIL cases have been shown to have a poorer prognosis. Immunogen Protein Apr 70 protein including residues 1-254 and encompassing SH2	Isotype	IgG2a Kappa
PBS	Conjugate	CoraFluor 1
Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Mouse Gene ID 7535 Gene Symbol ZAP70 Species Human Marker Chronic Lymphocytic Leukemia Marker Specificity/Sensitivity ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western blotting of whole cell lysates of cD19-positive Purified leukemia cells from patients with Ig-unmutated and Igmutated CLL, the antibody labels a band corresponding to ZAP70 in the Ig-unmutated CLL samples. In Western blotting of cell lysates of A431 cells (Cri-phyphoblastic cell line), the antibody labels a band or 70kDa protein. In Western blotting of cell lysates of A431 cells (carcinoma cell liysate of Jurkat cells (T-phyphoblastic cell line), the antibody labels a band of 70kDa protein. In Western blotting of cell lysates of the distinction between the Ig-mutated (anti-ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate marker for the distinction between the Ig-mutated (anti-ZAP70 progative) and Ig-unmutated (anti-ZAP70 positive) CLL subtypes and can identify patient groups with divergent clinical courses. The anti-ZAP70 positive Ig-unmutated CLL cases have been shown to have a poorer prognosis.	Purity	Protein A or G purified
CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host	Buffer	PBS
Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host	Product Description	
Gene Symbol ZAP70 Species Human Marker Chronic Lymphocytic Leukemia Marker ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western blotting of whole cell lysates of CD19-positive Purified leukemia cells from patients with Ig-unmutated and Igmutated CLL, the antibody labels a band corresponding to ZAP70 in the Ig-unmutated CLL samples. In Western blotting of cell lysates of Jurkat cells (T-lymphoblastic cell line), the antibody labels a band of 70kDa protein. In Western blotting of cell lysates of A431 cells (carcinoma cell line), no band is observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate marker for the distinction between the Ig-mutated (anti-ZAP70 negative) and Ig-unmutated (anti-ZAP70 positive) CLL subtypes and can identify patient groups with divergent clinical courses. The anti-ZAP70 positive Ig-unmutated CLL cases have been shown to have a poorer prognosis.	Description	Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and
Species Human	Host	Mouse
Marker Chronic Lymphocytic Leukemia Marker	Gene ID	7535
Marker Chronic Lymphocytic Leukemia Marker ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western blotting of whole cell lysates of CD19-positive Purified leukemia cells from patients with Ig-unmutated and Igmutated CLL, the antibody labels a band corresponding to ZAP70 in the Igunmutated CLL samples. In Western blotting of cell lysates of Jurkat cells (T-lymphoblastic cell line), the antibody labels a band of 70kDa protein. In Western blotting of cell lysates of A431 cells (carcinoma cell line), no band is observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate marker for the distinction between the Ig-mutated (anti-ZAP70 negative) and Igunmutated (anti-ZAP70 positive) CLL subtypes and can identify patient groups with divergent clinical courses. The anti-ZAP70 positive Ig-unmutated CLL cases have been shown to have a poorer prognosis. Immunogen Chronic Lymphocytic Leukemia Foundation in T-cells and natural killer cells. Control of this protein local in T-cells and natural killer cells. Control of this protein local in T-cells and natural killer cells.	Gene Symbol	ZAP70
ZAP70 is a 70kDa protein tyrosine kinase found in T-cells and natural killer cells. Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western blotting of whole cell lysates of CD19-positive Purified leukemia cells from patients with Ig-unmutated and Igmutated CLL, the antibody labels a band corresponding to ZAP70 in the Ig-unmutated CLL samples, whereas no band is observed in the Ig-mutated CLL samples. In Western blotting of cell lysates of Jurkat cells (T-lymphoblastic cell line), the antibody labels a band of 70kDa protein. In Western blotting of cell lysates of A431 cells (carcinoma cell line), no band is observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate marker for the distinction between the Ig-mutated (anti-ZAP70 negative) and Ig-unmutated (anti-ZAP70 positive) CLL subtypes and can identify patient groups with divergent clinical courses. The anti-ZAP70 positive Ig-unmutated CLL cases have been shown to have a poorer prognosis. Immunogen Recombinant ZAP-70 protein including residues 1-254 and encompassing SH2	Species	Human
Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western blotting of whole cell lysates of CD19-positive Purified leukemia cells from patients with Ig-unmutated and Igmutated CLL, the antibody labels a band corresponding to ZAP70 in the Ig-unmutated CLL samples, whereas no band is observed in the Ig-mutated CLL samples. In Western blotting of cell lysates of Jurkat cells (T-lymphoblastic cell line), the antibody labels a band of 70kDa protein. In Western blotting of cell lysates of A431 cells (carcinoma cell line), no band is observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate marker for the distinction between the Ig-mutated (anti-ZAP70 negative) and Ig-unmutated (anti-ZAP70 positive) CLL subtypes and can identify patient groups with divergent clinical courses. The anti-ZAP70 positive Ig-unmutated CLL cases have been shown to have a poorer prognosis. Immunogen Recombinant ZAP-70 protein including residues 1-254 and encompassing SH2	Marker	Chronic Lymphocytic Leukemia Marker
	Specificity/Sensitivity	Control of this protein translation is via the IgVH gene. In Western blotting of whole cell lysates of normal peripheral blood mononuclear cells, the antibody labels a band corresponding to ZAP70. In Western blotting of whole cell lysates of CD19-positive Purified leukemia cells from patients with Ig-unmutated and Igmutated CLL, the antibody labels a band corresponding to ZAP70 in the Ig-unmutated CLL samples, whereas no band is observed in the Ig-mutated CLL samples. In Western blotting of cell lysates of Jurkat cells (T-lymphoblastic cell line), the antibody labels a band of 70kDa protein. In Western blotting of cell lysates of A431 cells (carcinoma cell line), no band is observed. ZAP70 protein is expressed in leukemic cells of approximately 25% of chronic lymphocytic leukemia (CLL) cases as well. Anti-ZAP70 expression is an excellent surrogate marker for the distinction between the Ig-mutated (anti-ZAP70 negative) and Ig-unmutated (anti-ZAP70 positive) CLL subtypes and can identify patient groups with divergent clinical courses. The anti-ZAP70 positive Ig-unmutated CLL cases
	Immunogen	



Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254
Product Application Details	
Applications	Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112

USA

Phone: 303.730.1950 Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402

canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com

Technical Support: nb-technical@bio-

techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

Products Related to NBP2-47774CL1

NBP1-87000PEP ZAP70 Recombinant Protein Antigen

202-IL-010 IL-2 [Unconjugated]
3709-KS-010 ZAP70 [Unconjugated]
NBP1-19371 CD4 Antibody - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-47774CL1

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

