

Product Datasheet

Integrin beta 4/CD104 Antibody [CoraFluor™ 1] AF4060CL1

Unit Size: 0.1 ml

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

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AF4060CL1

Integrin beta 4/CD104 Antibody [CoraFluor™ 1]

| Product Information | |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size | 0.1 ml |
| 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 | Polyclonal |
| Preservative | No Preservative |
| Isotype | IgG |
| Conjugate | CoraFluor 1 |
| Purity | Antigen Affinity-purified |
| Buffer | PBS |

| Product Description | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | <p>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(TM) 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.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p> |
| Host | Sheep |
| Gene ID | 3691 |
| Gene Symbol | ITGB4 |
| Species | Human |
| Specificity/Sensitivity | Detects human Integrin β 4/CD104 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 25% cross-reactivity with recombinant mouse Integrin β 4 is observed and less than 1% cross-reactivity with recombinant human (rh) Integrin β 2, rhIntegrin β 3, and rhIntegrin β 5 is observed. |
| Immunogen | Chinese hamster ovary cell line CHO-derived recombinant human Integrin β 4/CD104 Asn28-Ser710 Accession # P16144 |
| 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 | Western Blot, Flow Cytometry, CyTOF-ready, Immunocytochemistry |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunocytochemistry, 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 AF4060CL1

| | |
|-----------------|------------------------------------------------------|
| NBP2-61461-10ug | Recombinant Human Integrin beta 4/CD104 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBP3-39965 | Human Integrin beta 4/CD104 ELISA Kit (Colorimetric) |
| NB110-89474 | CD11b 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.

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