## **Product Datasheet**

### ACTH Antibody (CLIP/2040R) [CoraFluor™ 1] NBP3-08621CL1

Unit Size: 0.1 ml

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

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#### NBP3-08621CL1

ACTH Antibody (CLIP/2040R) [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         Monoclonal           Clone         CLIP/2040R           Preservative         No Preservative           Isotype         IgG           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(M) 1 absorbs UV light at approximately 340 orm, and emits at approximately 490 orm, 345 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 absorbs UV light at approximately 340 orm, and entits at approximately 490 orm, and escalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.           Host         Rabbit           Gene ID         543           Specificity/Sensitivity         ACTH (same as Corticorpin) is a 39 amino acid active peptide produced by the anterior pituliary. This monoclonal antibody is specific tarsin stansin amed NUMSH, CLIP, Conticorpin-Is active Sturge Stansing and antibas approximately exisupasses and ACTH). POMC (pro-opiomelancodrin or coticotropin-Is a	,	•	
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         CLIP/2040R           Preservative         No Preservative           Isotype         IgG           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 400 nm, 545 nm, 565 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. can be used for the development of robust and solable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.           Host         Rabbit           Gene ID         5443           Gene Symbol         POMC           Species         Human, Mouse, Rat           Reactivity Notes         Expected to show broad species reactivity.           Marker         Pitulary Marker           Specificity/Sensitivity         ACTH (same as Corticotropin) is a 39 amino acid active peptide	Product Information		
services.         Storage       Store at 4C in the dark. Do not freeze.         Clonality       Monoclonal         Clone       CLIP/2040R         Preservative       No Preservative         Isotype       IgG         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 can be used for the development of robust and scalable TR-FRET binding assays such as larget engagement, ternary complex, protein-protein interaction and protein quantification assays.         Host       Rabbit         Gene ID       5443         Gene Symbol       POMC         Specificity/Sensitivity       ACTH (same as Corticotropin) is a 39 amino acid active peptide produced by the anterior pitulary. This monoclonal antibody is specific to Synacthen (aa1-24 of ACTH); does not react with CLIP (aa17-39 of ACTH). POMC (pro-opiomelancortino ricotropin-lipotropin) is a 245 amino acid polypeptide hormone precursor that goes through extensive, itsue-specific posttranslational processing by convertases. POMC is deserved into ten hormone chains named NPP, ACTH, alpha-MSH (Melancoyte Simulatin	Unit Size	0.1 ml	
Clonality         Monoclonal           Clone         CLIP/2040R           Preservative         No Preservative           Isotype         IgG           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 430 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 can be used for the development or robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.           Host         Rabbit           Gene ID         5443           Gene Symbol         POMC           Species         Human, Mouse, Rat           Reactivity Notes         Expected to show broad species reactivity.           Marker         Pituitary Marker           Specificity/Sensitivity         ACTH (same as Corticotropin is a 39 amino acid active peptide produced by the anterior pituitary. This monoclonal antibody is specific postransitional processing by convertases. POMC is cleaved into ten hormone chains named NPP, ACTH, alpha-NHSH (Melanocyte Stimulating Hormore), beta-MSH, gamman MSH, CLIP (corticotropini	Concentration	·	
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Preservative         No Preservative           Isotype         IgG           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 asborbs UV light at approximately 340 nm, and emits at approximately 440 nm, 545 nm ,585 nm and 620 nm. It is compatible with common acceptor dyes that aborb at the emission avaelengths of CoraFluor(TM) 1. CoraFluo	Clonality	Monoclonal	
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	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	Immunohistochemistry-Paraffin	
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin	
Application Notes	Optimal dilution of this antibody should be experimentally determined.	





#### Novus Biologicals USA

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#### **General Contact Information**

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#### Products Related to NBP3-08621CL1

210-TA-005	TNF-alpha [Unconjugated]
NBP2-66415	Rat ACTH ELISA Kit (Colorimetric)
DLP00	Leptin/OB [HRP]
MAB1417	Insulin Antibody (182410) [Unconjugated]

#### 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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