## Product Datasheet OPAL1 Antibody (OPAL1-01) [FITC] NBP2-62210F

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com

technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP2-62210F

Updated 10/23/2024 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/NBP2-62210F



#### NBP2-62210F

OPAL1 Antibody (OPAL1-01) [FITC]

Unit Size0.1 mlConcentrationPlease see the vial label for concentration. If unlisted please contact technical services.StorageStore at 4C in the dark.ClonalityMonoclonalClonality0.9AL1-01Preservative0.05% Sodium AzideIsotypeIgG2aConjugateFITCPurityProtein A purifiedBufferPBSProduct DescriptionMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpeciesHumanSpeciesSpecies (CT7), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5), htsGH (< 0.5)	Product Information	
services.StorageStore at 4C in the dark.ClonalityMonoclonalCloneOPAL1-01Preservative0.05% Sodium AzideIsotypeIgG2aConjugateFITCPurityProtein A purifiedBufferPBSProduct Description54838Gene ID54838Gene SymbolWBP1LSpeciesHumanSpeciesHumanSpeciesA the Aba hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (TSH), and stimulates the growth by tropholastic cells of the placenta during pregnancy and stimulates the growth by tropholastic cells of the placenta during pregnancy and stimulates the growth by tropholastic cells of the placenta during pregnancy and stimulates the growth by tropholastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double-antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).ImmunogenRecombinant fragment of human OPAL1 (amino acids 152-342)Product Application DetailsWestern Blot, Flow Cytometry, Flow (Intracellular)ApplicationsWestern Blot, Flow Cytometry, Flow (Intracellular)	Unit Size	0.1 ml
ClonalityMonoclonalCloneOPAL1-01Preservative0.05% Sodium AzideIsotypeIgG2aConjugateFITCPurityProtein A purifiedBufferPBSProduct DescriptionMouseHostMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double-antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).ImmunogenRecombinant fragment of human OPAL1 (amino acids 152-342)Product Application DetailsWestern Blot, Flow Cytometry, Flow (Intracellular)Recommended DilutionsWestern Blot, Flow Cytometry, Flow (Intracellular)	Concentration	
CloneOPAL1-01Preservative0.05% Sodium AzideIsotypeIgG2aConjugateFITCPurityProtein A purifiedBufferPBSProduct DescriptionMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double-antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5). hTSH (< 0.5).	Storage	Store at 4C in the dark.
Preservative0.05% Sodium AzidePreservative0.05% Sodium AzideIsotypeIgG2aConjugateFITCPurityProtein A purifiedBufferPBSProduct DescriptionMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double-antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).	Clonality	Monoclonal
IsotypeIgG2aConjugateFITCPurityProtein A purifiedBufferPBSProduct DescriptionHostMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).ImmunogenRecombinant fragment of human OPAL1 (amino acids 152-342)Product Application DetailsWestern Blot, Flow Cytometry, Flow (Intracellular)Recommended DilutionsWestern Blot, Flow Cytometry, Flow (Intracellular)	Clone	OPAL1-01
ConjugateFITCPurityProtein A purifiedBufferPBSProduct DescriptionHostMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double-antibody RIA eusing unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).	Preservative	0.05% Sodium Azide
PurityProtein A purifiedPurityProtein A purifiedBufferPBSProduct DescriptionHostMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody R1A using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).	Isotype	IgG2a
BufferPBSProduct DescriptionHostMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5).ImmunogenRecombinant fragment of human OPAL1 (amino acids 152-342)Product Application DetailsWestern Blot, Flow Cytometry, Flow (Intracellular)Recommended DilutionsWestern Blot, Flow Cytometry, Flow (Intracellular)	Conjugate	FITC
Product DescriptionHostMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).ImmunogenRecombinant fragment of human OPAL1 (amino acids 152-342)Product Application Details ApplicationsWestern Blot, Flow Cytometry, Flow (Intracellular)Recommended DilutionsWestern Blot, Flow Cytometry, Flow (Intracellular)	Purity	Protein A purified
HostMouseGene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).ImmunogenRecombinant fragment of human OPAL1 (amino acids 152-342)Product Application Details ApplicationsWestern Blot, Flow Cytometry, Flow (Intracellular)Recommended DilutionsWestern Blot, Flow Cytometry, Flow (Intracellular)	Buffer	PBS
Gene ID54838Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).	Product Description	
Gene SymbolWBP1LSpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).	Host	Mouse
SpeciesHumanSpecificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).	Gene ID	54838
Specificity/SensitivityThe antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).	Gene Symbol	WBP1L
a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).ImmunogenRecombinant fragment of human OPAL1 (amino acids 152-342)Product Application DetailsWestern Blot, Flow Cytometry, Flow (Intracellular)Recommended DilutionsWestern Blot, Flow Cytometry, Flow (Intracellular)	Species	Human
Product Application Details   Applications Western Blot, Flow Cytometry, Flow (Intracellular)   Recommended Dilutions Western Blot, Flow Cytometry, Flow (Intracellular)	Specificity/Sensitivity	a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. Following cross-reactivity (%) was determined by classic double- antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH
ApplicationsWestern Blot, Flow Cytometry, Flow (Intracellular)Recommended DilutionsWestern Blot, Flow Cytometry, Flow (Intracellular)	Immunogen	Recombinant fragment of human OPAL1 (amino acids 152-342)
Recommended Dilutions   Western Blot, Flow Cytometry, Flow (Intracellular)	Product Application Details	
	Applications	Western Blot, Flow Cytometry, Flow (Intracellular)
Application Notes Optimal dilution of this antibody should be experimentally determined.	<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Flow (Intracellular)
	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@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

#### Products Related to NBP2-62210F

NBP1-96848	Mouse IgG2a Isotype Control (M2A) [FITC]
NBP2-34045PEP	OPAL1 Recombinant Protein Antigen
NBP2-06926	OPAL1 Overexpression Lysate
AF1759	Oct-3/4 Antibody [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.

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/NBP2-62210F

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

www.novusbio.com

