

# Product Datasheet

## Connexin 30/GJB6 Antibody (CL4540) - BSA Free NBP2-61141

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-61141**

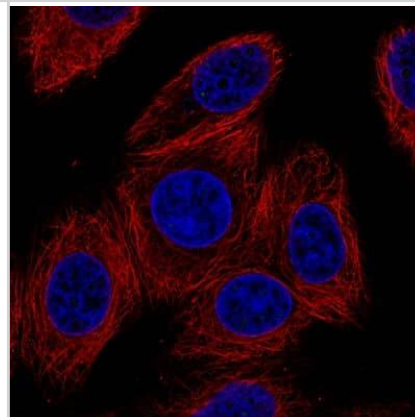
Connexin 30/GJB6 Antibody (CL4540) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL4540
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	10804
<b>Gene Symbol</b>	GJB6
<b>Species</b>	Human
<b>Reactivity Notes</b>	Mouse, Rat (85%).
<b>Immunogen</b>	This antibody was developed using a synthetic peptide derived from O95452, with the exact immunogen sequence remaining proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry Reactivity reported in (PMID: 31205407) , Immunocytochemistry/ Immunofluorescence 2-10 ug/ml
<b>Application Notes</b>	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

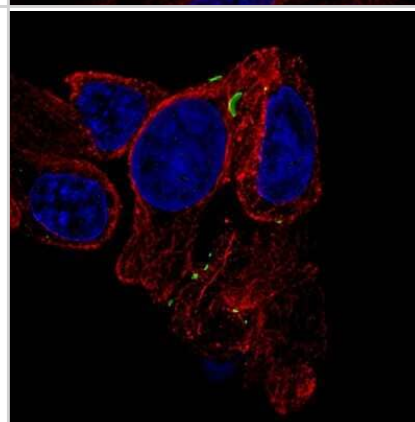


## Images

Immunocytochemistry/Immunofluorescence: Connexin 30/GJB6 Antibody (CL4540) [NBP2-61141] - Staining of MCF7 cells using the Anti-GJB6 monoclonal antibody, showing no specific staining of cell junctions. MCF7 cells serves as a negative control based on RNA-seq values. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



Immunocytochemistry/Immunofluorescence: Connexin 30/GJB6 Antibody (CL4540) [NBP2-61141] - Staining of RT-4 cells using the Anti-GJB6 monoclonal antibody, showing specific staining of cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



## Publications

Yu H, Miao Y, Chen W, Qi X et al. Expressional and functional involvement of gap junctions in aqueous humor outflow into the ocular trabecular meshwork of the anterior chamber Molecular Vision 2019-04-26 [PMID: 31205407] (IF/IHC, Human)



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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00010804-Q01-10ug	Recombinant Human Connexin 30/GJB6 GST (N-Term) Protein

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### **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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