

# Product Datasheet

## PBR Antibody (CL13358) - BSA Free NBP3-18567-100ul

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-18567](http://www.novusbio.com/NBP3-18567)

Updated 12/2/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-18567](http://www.novusbio.com/reviews/destination/NBP3-18567)



**NBP3-18567-100ul**

PBR Antibody (CL13358) - BSA Free

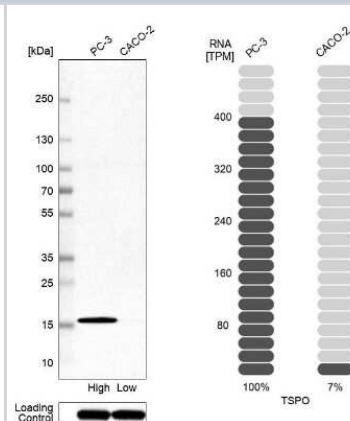
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13358
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse PBR Antibody (CL13358) - BSA Free (NBP3-18567) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	706
Gene Symbol	TSPO
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P30536, with the exact immunogen sequence remaining proprietary.

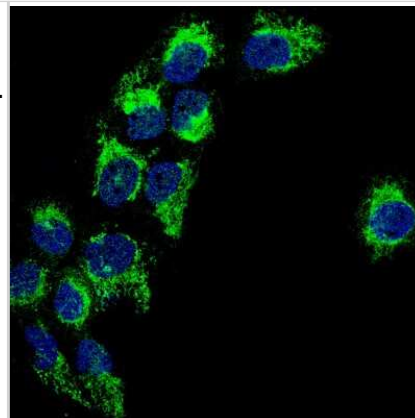
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

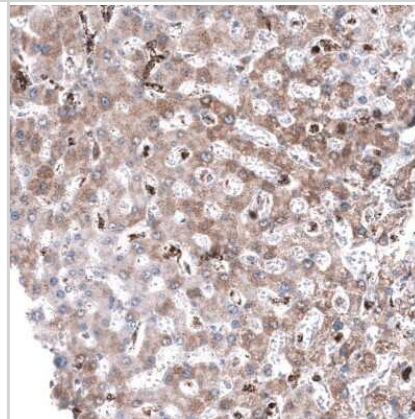
Western Blot: PBR Antibody (CL13358) [NBP3-18567] - Analysis in human cell line PC-3 and human cell line CACO-2.



Immunocytochemistry/Immunofluorescence: PBR Antibody (CL13358) [NBP3-18567] - Staining of A-431 cells using the Anti-TSPO monoclonal antibody, showing specific staining in mitochondria and vesicles in green. Nuclear probes are visualized in blue (where available).

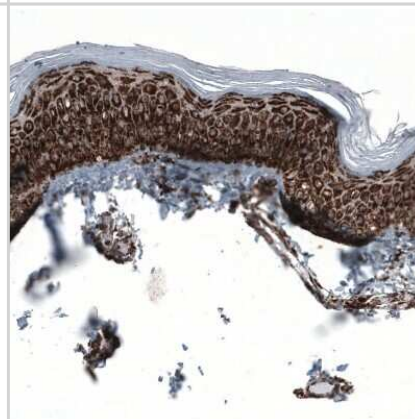


Immunohistochemistry-Paraffin: PBR Antibody (CL13358) [NBP3-18567] - Staining of human liver shows weak cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: PBR Antibody (CL13358) [NBP3-18567] - Analysis in human skin and liver tissues using NBP3-18567 antibody. Corresponding TSPO RNA-seq data are presented for the same tissues. ✖

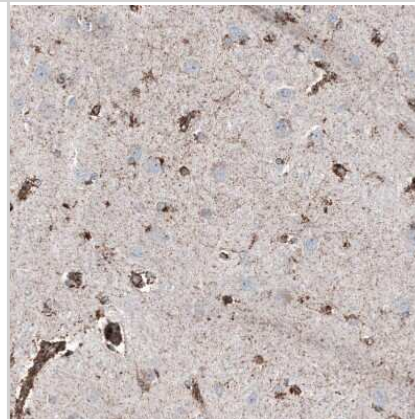
Immunohistochemistry-Paraffin: PBR Antibody (CL13358) [NBP3-18567] - Staining of human skin shows strong granular cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: PBR Antibody (CL13358) [NBP3-18567]  
- Staining of human tonsil shows strong granular positivity in lymphoid cells.



Immunohistochemistry-Paraffin: PBR Antibody (CL13358) [NBP3-18567]  
- Staining of human cerebral cortex shows moderate granular cytoplasmic positivity in astrocytes.





### **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 NBP3-18567-100ul**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

---

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-18567](http://www.novusbio.com/reviews/submit/NBP3-18567)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

