

# Product Datasheet

## Blooms Syndrome Protein Blm Antibody - BSA Free NB100-324

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-324**

Blooms Syndrome Protein Blm Antibody - BSA Free

| Product Information |                                       |
|---------------------|---------------------------------------|
| Unit Size           | 100 ul                                |
| Concentration       | 1.0 mg/ml                             |
| Storage             | Store at 4C. Do not freeze.           |
| Clonality           | Polyclonal                            |
| Preservative        | 0.09% Sodium Azide                    |
| Isotype             | IgG                                   |
| Purity              | Immunogen affinity purified           |
| Buffer              | Tris-Citrate/Phosphate (pH 7.0 - 8.0) |

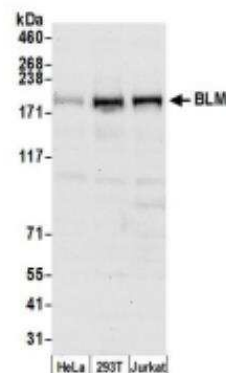
| Product Description |  |
|---------------------|--|
| Host                | Goat   |
| Gene ID             | 641  |
| Gene Symbol         | BLM  |
| Species             | Human  |
| Immunogen           | The immunogen recognized by this antibody maps to a region between residues 100 and 150 of human Bloom Syndrome using the numbering given in entry NP_000048.1 (GeneID 641). |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunoprecipitation  |
| Recommended Dilutions       | Western Blot 1:10000 - 1:25000, Immunoprecipitation 2-10 ug/mg of lysate   |
| Application Notes           | NB 100-324 may be used for Western Blot and immunoprecipitation. Suggested working dilutions: * WB - 1:1,000-1:10,000 (ECL) IP - 1 to 4 ul/mg of lysate IHC / ICC - Not Determined *The investigator should determine the optimal working dilution for a specific application. |

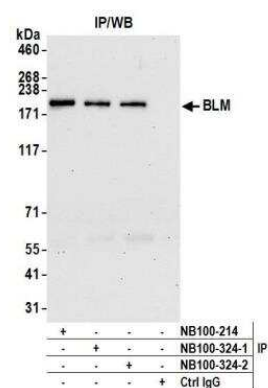


## Images

**Western Blot: Blooms Syndrome Protein BLM Antibody [NB100-324] -** Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BLM antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



**Immunoprecipitation: Blooms Syndrome Protein BLM Antibody [NB100-324] -** Detection of human BLM by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified goat anti-BLM antibody NB100-324 (lot NB100-324-2) used for IP at 6 ug per reaction. BLM was also immunoprecipitated by a previous lot of this antibody (lot NB100-324-1) and rabbit anti-BLM antibody NB100-214. For blotting immunoprecipitated BLM, NB100-324 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.





### **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 NB100-324**

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|                    |  |
|--------------------|--|
| HAF017             | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109             | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg    | Goat IgG Isotype Control   |
| H00000641-Q01-10ug | Recombinant Human Blooms Syndrome Protein Blm 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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