

## TNF

### Research Grade Adalimumab

<b>Catalog No.</b>	DHB94402A DHB94402B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	ABP 501, D2E7, Adalimumab, Adalimumab Beta, CAS: 331731-18-1		
<b>Description:</b>	<p>Adalimumab is a TNF inhibiting, anti-inflammatory biologic medication. It is the first fully human monoclonal therapeutic antibody. TNF alpha bound to its receptor leads to the inflammatory response associated with autoimmune diseases. Adalimumab binds specifically to TNF alpha, neutralizes the biological function by blocking its interaction with p55 and p75 cell surface TNF receptors. By this mechanism, adalimumab reduces the inflammatory response associated with autoimmune diseases. Adalimumab has been shown to reduce the symptoms of rheumatoid arthritis, Crohn's disease, plaque psoriasis, among others.</p> <p>Adalimumab was originally launched by Abbvie in the U.S. and approved in 2002 by the FDA. This drug is frequently known as Humira. A new biosimilar to adalimumab, named adalimumab-adaz, was approved by the FDA on October 31, 2018. This biosimilar is known as Hyrimoz, and is a trademark of Novartis AG 9.</p>		
<b>Concentration:</b>	1.0 mg/ml, lot specific		
<b>UniProt ID (target):</b>	P01375		
<b>Source:</b>	XtenCHO cell line		
<b>Specificity:</b>	Human TNF-alpha		
<b>Isotype:</b>	Human IgG1 kappa		
<b>Formulation:</b>	Sterile-filtered 0.01M PBS, pH 7.4		
<b>Endotoxin:</b>	< 0.01 EU/µg by LAL analysis		
<b>Purification:</b>	Protein A or G purified from cell culture supernatant.		
<b>Purity:</b>	> 95% as determined by SDS-PAGE		
<b>INN:</b>	Adalimumab		
<b>Applications:</b>	Functional studies, ELISA		
<b>Storage &amp; Stability:</b>	<p>Upon receipt, store at -20°C to -80°C for up to 1 year or for immediate use at 2-8°C for up to 1 week. Recommended to store stock solution in aliquots at -20°C to -80°C.</p> <p><b>Avoid freeze/thaw cycles.</b></p>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)