

# Product Datasheet

**DYKDDDDK Epitope Tag Antibody (29E4.G7) [Alexa Fluor®  
350]**

**NBP1-97410AF350**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97410AF350**

DYKDDDDK Epitope Tag Antibody (29E4.G7) [Alexa Fluor® 350]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	29E4.G7
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Alexa Fluor 350
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Species	Epitope Tag
Specificity/Sensitivity	The purified antibody is directed against the FLAG(TM) motif and is useful in determining its presence in various assays where the epitope tag is present at either the amino or carboxy terminus of recombinant proteins. This monoclonal anti-FLAG(TM) tag antibody detects over-expressed proteins containing the FLAG(TM) epitope tag. In western blotting of bacterial extracts, the antibody does not cross-react with endogenous proteins.
Immunogen	This DYKDDDDK Epitope Tag Antibody (29E4.G7) was produced in mice by repeated immunizations with a synthetic peptide corresponding to the FLAG(TM) epitope tag peptide DYKDDDDK Epitope Tag Epitope Tag (Asp-Tyr-Lys-Asp-Asp-Asp-Lys) conjugated to KLH using maleimide. Residues of glycine and cysteine were added to the termini to facilitate coupling.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

DYKDDDDK Epitope Tag Antibody (29E4.G7) [Alexa Fluor® 350] [NBP1-97410AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45

EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



### **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 NBP1-97410AF350**

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NBP1-96981AF350	Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 350]
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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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