

Product Datasheet

Gliadin peptide Antibody (14D5) - BSA Free NBP2-23580-0.1ml

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-23580-0.1ml

Gliadin peptide Antibody (14D5) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	14D5
Preservative	0.05% Sodium Azide
Isotype	IgG2a Lambda
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl

Product Description

Host	Mouse
Species	Plant
Reactivity Notes	Wheat
Specificity/Sensitivity	Clone 14D5 reacts strongly with the deamidated peptide but cross-reacts about 5% with the non-deamidated peptide KLQPFPQPQLPYPQPQ.
Immunogen	Gliadin-related peptide Lys57-Glu65-[alpha-gliadin (58-73)] (KLQPFPQPQLPYPQPQ) adsorbed onto aluminum hydroxide gel

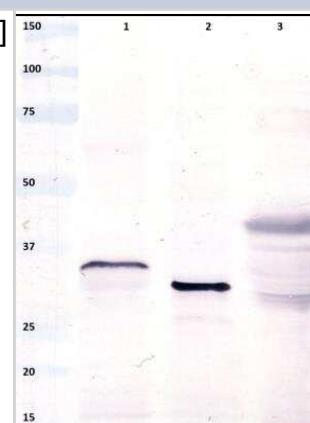
Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	Clone 14D5 reacts with both the deamidated peptide (KLQPFPQPQLPYPQPQ) and non-deamidated peptide (KLQPFPQPQLPYPQPQ) when these are coated directly in an immunoplate, but approx. 20-fold higher concentrations of antibody are needed to produce the same signal with the non-deamidated peptide. Sandwich ELISA is not recommended for this product, please use direct ELISA.

Images

Western Blot: Gliadin peptide Antibody (14D5) - BSA Free [NBP2-23580]

- Analysis of Gliadin peptide measured in rye (lane 1), barley (lane 2) and wheat (lane 3). The SDS gel was run under reducing conditions.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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