



# Rabbit anti Cow Bos d 5 monoclonal antibody, clone E2 (CABT-L011)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody binds to bovine beta-lactoglobulin, a member of the lipocalin protein family. It binds to an epitope in the beta-sheet structure that is not part of the most antigenic area of Bos d 5 accessible for IgG antibody, but it may have overlapping areas with minor antigenic sites
<b>Target</b>	Bos d 5
<b>Immunogen</b>	Bos d 5, a major allergen found in milk
<b>Isotype</b>	IgG, κ
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Cow (Bos taurus)
<b>Clone</b>	E2
<b>Purification</b>	Protein A affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Crystallization
<b>Format</b>	Liquid
<b>Size</b>	200 µg
<b>Buffer</b>	PBS with 0.02% Proclin 300
<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C

# BACKGROUND

**Introduction** Bod 5 would causes an allergic reaction in human. Is one of the causes of cow's milk allergy.

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**Keywords** Bos d 5 - G5E5H7;Beta-lactoglobulin;Cow;Milk allergen;BLG;Bos d 5; $\alpha$ -lactalbumin (ALA);Casein;Caprine;Bovine

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# GENE INFORMATION

**UniProt ID** [P02754](#)

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