



# Magic™ Mouse Anti-dNCO Monoclonal antibody, clone 15D4 (CABT-ZS1018)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Boradly reacts with dNCO adducted human serum albumin (HSA)
<b>Target</b>	dNCO
<b>Immunogen</b>	4,4'-methylene diphenyl diisocyanate (MDI)
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	15D4
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	5 ml
<b>Buffer</b>	Cell Culture Supernatant
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C

## BACKGROUND

**Introduction**

Diisocyanates (dNCOs) are chemicals used in the production of polyurethane polymers. 4,4'-methylene diphenyl diisocyanate (MDI) is one of the most commonly used dNCO in industrial applications. Diisocyanates are potent allergens and are the most commonly reported cause of occupational asthma (OA) in North America. Diisocyanates form adducts with blood and plasma which can be used as detectable biomarkers for assessing dNCO occupational exposure.

**Keywords**

dNCO; Diisocyanate