

# Biotin Monoclonal Antibody (Z021)

Product Details	
Size	500 µg
Species Reactivity	Chemical
Published Species	Chemical
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	Z021
Conjugate	Unconjugated
Immunogen	Synthetic biotin
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2532265

Applications	Tested Dilution	Publications
Western Blot (WB)	-	2 Publications
Immunohistochemistry (IHC)	-	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunohistochemistry - Free Floating (IHC (Free))	-	1 Publication
Immunocytochemistry (ICC/IF)	Assay-dependent	2 Publications
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	-	1 Publication
Neutralization (Neu)	-	2 Publications
in situ PLA (PLA)	-	2 Publications

## 14 References

### Western Blot (2)

The Journal of biological chemistry

#### Specific patterns of electrophile adduction trigger Keap1 ubiquitination and Nrf2 activation.

Authors: Hong F, Sekhar KR, Freeman ML, Liebler DC

**Species**  
Chemical

**Dilution**  
Not Cited

**Year**  
2005

Biochemistry

#### Heme binding to the histidine-rich protein II from Plasmodium falciparum.

Authors: Schneider EL, Marletta MA

**Species**  
Chemical

**Dilution**  
Not Cited

**Year**  
2005

### Immunohistochemistry (4)

PLoS genetics

#### Coacting enhancers can have complementary functions within gene regulatory networks and promote canalization.

"03-3700 was used in Immunohistochemistry to show that similar gene expression driven by coacting enhancers can support distinct, and sometimes complementary, functions within gene regulatory networks and, moreover, that phenotypes associated with individual enhancer deletion mutants can provide insight into new gene functions."

Authors: Dunipace L, Ákos Z, Stathopoulos A

**Species**  
Chemical

**Dilution**  
Not Cited

**Year**  
2019

Nature communications

#### Temporal control of gene expression by the pioneer factor Zelda through transient interactions in hubs.

"03-3700 was used in Immunohistochemistry-wholemount to study the effect of the pioneer factor Zelda on transcriptional dynamics and memory in Drosophila embryos."

Authors: Dufourt J, Trullo A, Hunter J, Fernandez C, Lazaro J, Dejean M, Morales L, Nait-Amer S, Schulz KN, Harrison MM, Favard C, Radulescu O, Lagha M

**Species**  
Chemical

**Dilution**  
1:375

**Year**  
2018

[View more IHC references on thermofisher.com](#)

### More applications with references on thermofisher.com

IHC (Free) (1)

ICC/IF (2)

IP (1)

Neu (2)

PLA (2)

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