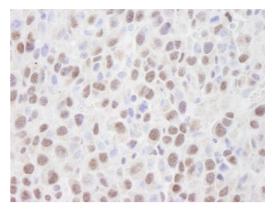
## HDAC2 IHC Antibody

Rabbit Polyclonal			Drotoin ID		
Antigen Affinity Purified			Protein ID	NP_001518.1	
5	IHC-00		GenelD	3066	BETHYL
Lot No.	IHC-00				
APPLICATIONS		IHC, IHC-IF			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Orangutan, Monkey, Gorilla, Chimpanzee, Northern white-cheeked gibbon, White-tufted-ear marmoset and Tasmanian devil			
AMOUNT		100 µl			
CONCENTRATION		100 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to HDAC2 immobilized on solid support.			
		The epitope recognized by IHC-00057 maps to a region between residue 425 and the C- terminus (residue 488) of human Histone Deacetylase 2 using the numbering given in entry NP_001518.1 (GeneID 3066).			
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Immunohistocl	hemistry 1:1	100 - 1:500	
		Immunofluores (IHC)	scence 1:5	50 - 1:500	
APPLICATION NOTES		Epitope exposure is recommended.			
		Epitope exposure with citrate buffer will enhance staining.			
Lik		Likely to work with frozen sections.			
IHC HUMAN CONTROLS		In some cases, the antibody may be diluted further than indicated. Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Stomach Adenocarcinoma, Testicular			
IHC MOUSE CONTROLS		Seminoma Squamous Cell Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/IHC-00057 Use the link above to view SDS, a current list of citations, and other product specific information.			

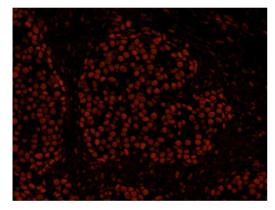
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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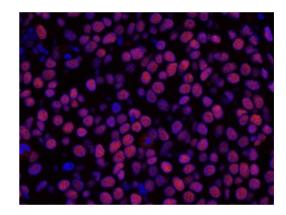
**Detection of human HDAC2 by immunohistochemistry.** *Sample:* FFPE section of human breast adenocarcinoma. *Antibody:* Affinity purified rabbit anti-HDAC2 (Cat. No. IHC-00057) used at a dilution of 1:250. *Detection:* DAB



**Detection of mouse HDAC2 by immunohistochemistry.** *Sample:* FFPE section of mouse squamous cell carcinoma. *Antibody:* Affinity purified rabbit anti-HDAC2 (Cat. No. IHC-00057) used at a dilution of 1:250. *Detection:* DAB



**Detection of human HDAC2 by immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-HDAC2 (Cat. No. IHC-00057) used at a dilution of 1:100. *Detection:* Redfluorescent Alexa Fluor® 555 goat anti-rabbit IgG (Invitrogen) used at a dilution of 1:500.



**Detection of human HDAC2 by immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-HDAC2 (Cat. No. IHC-00057) used at a dilution of 1:100. *Detection:* Redfluorescent Alexa Fluor® 555 goat anti-rabbit IgG (Invitrogen) used at a dilution of 1:500.

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