

# DEC1 IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

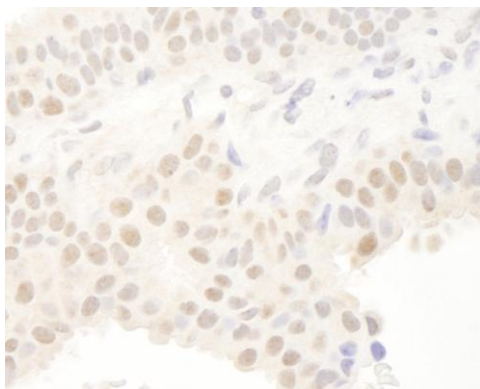
Catalog No. IHC-00448

Protein ID NP\_003661.1

Gene ID 8553



<b>APPLICATIONS</b>	IHC-P, IF
<b>REACTIVITY TESTED</b>	Human. Other species have not been tested.
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Orangutan, Rhesus Monkey, Gorilla, Chimpanzee, Crab-eating macaque and Northern white-cheeked gibbon.
<b>ISOTYPE</b>	IgG
<b>AMOUNT</b>	0.1 ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA containing 0.09% Sodium Azide
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	<p>Antibody was affinity purified using an epitope specific to DEC1 immobilized on solid support.</p> <p>The epitope recognized by IHC-00448 maps to a region between residues 350 and the C-terminus (residue 412) of human Differentially Expressed in Chondrocytes (Basic Helix-Loop-Helix Domain Containing, Class B, 2) using the numbering given in entry NP_003661.1 (GeneID 8553).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Immunohistochemistry 1:100 - 1:500</p> <p>Immunofluorescence 1:50 - 1:500</p>
<b>APPLICATION NOTES</b>	<p>Epitope exposure is recommended.</p> <p>Epitope exposure with tris-EDTA pH9.0 buffer will enhance staining.</p> <p>Likely to work with frozen sections.</p> <p>In some cases, the antibody may be diluted further than indicated.</p>
<b>IHC HUMAN CONTROLS</b>	Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma
<b>ADDITIONAL INFO</b>	<p><a href="http://www.bethyl.com/product/IHC-00448">http://www.bethyl.com/product/IHC-00448</a></p> <p>Use the link above to view a current list of citations and other product specific information.</p>



**Detection of Human Dec1 by Immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-Dec1 (Cat. No. IHC-00448) used at a dilution of 1:250. *Detection:* DAB staining using Immunohistochemistry Accessory Kit (Cat. No. IHC-101).

MATERIAL SAFETY DATA SHEET

**CONTENTS** This product contains Rabbit immunoglobulin G (IgG) protein in Tris-buffered Saline containing 0.1% BSA containing 0.09% Sodium Azide.

**INGREDIENT DESCRIPTIONS** **NON-HAZARDOUS:**

Bovine Serum Albumin (BSA) – This product was derived from animals free of infectious or contagious diseases of U.S. Origin. No known toxicity for this biological material.

**HAZARDOUS:**

Sodium Azide (NaN3): Azide forms explosive chemical compounds with lead and copper plumbing. Care must be taken to wash waste down drains with large volumes of water. LD50 oral mouse 27 mg/kg. Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.