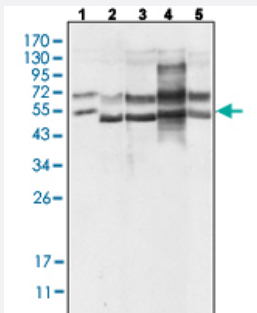


# GABPA monoclonal antibody, clone 8C1B10

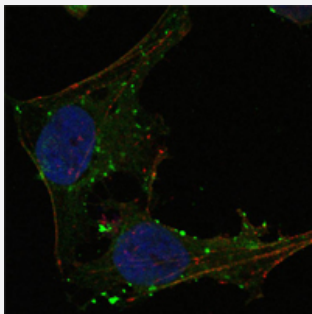
Catalog # MAB15268      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of Line 1: HeLa, Line 2: A549, Line 3: MCF-7, Line 4: NIH/3T3 and Line 5: SMMC-7721 cell lysate.



### Immunofluorescence

Immunofluorescence staining of HeLa cells using GABPA monoclonal antibody, clone 8C1B10 (Green). Red: Actin filaments have been labeled using DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant human GABPA.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 120-190 of human GABPA.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification

<b>Recommend Usage</b>	ELISA (1:10000) Immunofluorescence (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In ascitic fluid (0.03% sodium azide).
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of Line 1: HeLa, Line 2: A549, Line 3: MCF-7, Line 4: NIH/3T3 and Line 5: SMMC-7721 cell lysate.

- Immunofluorescence

Immunofluorescence staining of HeLa cells using GABPA monoclonal antibody, clone 8C1B10 (Green). Red: Actin filaments have been labeled using DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — GABPA

<b>Entrez GeneID</b>	<a href="#">2551</a>
<b>Protein Accession#</b>	<a href="#">Q06546</a>
<b>Gene Name</b>	GABPA
<b>Gene Alias</b>	E4TF1-60, E4TF1A, NFT2, NRF2, NRF2A
<b>Gene Description</b>	GA binding protein transcription factor, alpha subunit 60kDa
<b>Omim ID</b>	<a href="#">600609</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes one of three GA-binding protein transcription factor subunits which functions as a DNA-binding subunit. Since this subunit shares identity with a subunit encoding the nuclear respiratory factor 2 gene, it is likely involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. This subunit also shares identity with a subunit constituting the transcription factor E4TF1, responsible for expression of the adenovirus E4 gene. Because of its chromosomal localization and ability to form heterodimers with other polypeptides, this gene may play a role in the Down Syndrome phenotype. [provided by RefSeq]

**Other Designations**

GA binding protein transcription factor, alpha subunit|OTTHUMP00000096114|human nuclear respiratory factor-2 subunit alpha|nuclear respiratory factor 2 alpha subunit

**Disease**

- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Lupus Erythematosus](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)