

OCIAD2 Antibody

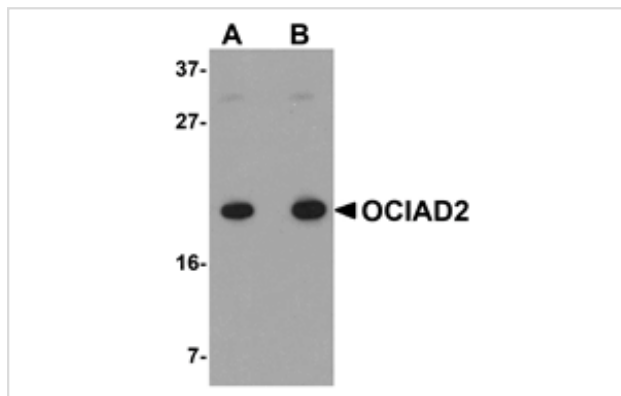
Catalog No: #24996

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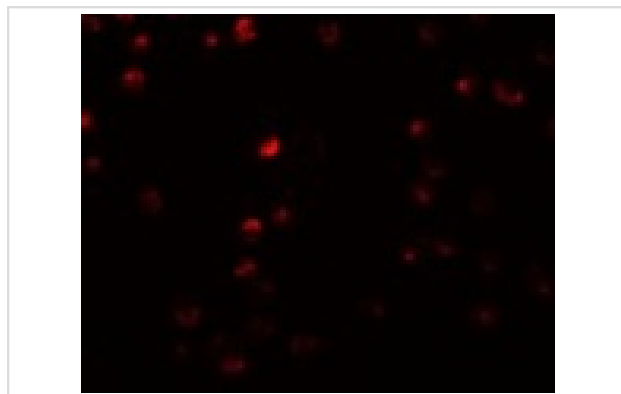
Description

Product Name	OCIAD2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide from near the carboxy terminus of human OCIAD2.
Target Name	OCIAD2
Other Names	Ovarian cancer immuno-reactive antigen domain-containing protein 2, OCIA domain-containing protein 2
Accession No.	NP_001014446
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of OCIAD2 in A549 cell lysate with OCIAD2 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunofluorescence of OCIAD2 in A549 cells with OCIAD2 antibody at 5 ug/mL.

Background

OCIAD2 was identified by its sequence similarity with OCIAD1, and together OCIAD1 and OCIAD2 form the OCIA domain family. OCIAD2 mRNA was found to be expressed at higher levels in invasive adenocarcinoma mixed subtype with bronchioloalveolar carcinoma component (BAC) of the lung. Loss of OCIAD2 expression was significantly correlated with lymphatic invasion, blood vessel invasion, and lymph node metastasis, indicating that OCIAD2 may play a role in cell adhesion and prevention of cell migration. While the function of OCIAD2 is still unknown, its expression in adenocarcinoma with BAC component is significantly associated with a favorable prognosis and may serve as a marker for selecting tumors that are treatable by limited surgery.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.