

Datasheet for ABIN1887157

anti-Adenovirus 9 E4 Orf1 antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Adenovirus 9 E4 Orf1 (HAdV-9 E4-ORF1)
Binding Specificity:	C-Term
Reactivity:	Human Adenovirus 9
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenovirus 9 E4 Orf1 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	16 amino acid peptide near the carboxy terminus of the Ad-9 E4 Orf1.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Adenovirus 9 E4 Orf1 (HAdV-9 E4-ORF1)
Alternative Name:	Adenovirus-9 E4 Orf1 (HAdV-9 E4-ORF1 Products)
Background:	The many different serotypes of human adenoviruses (Ad) are divided into six subgroups, of which all Ad subgroup A and B and two subgroup D Ads can elicit tumors in infected rodents. Unlike the Ads from subgroup A and B, the ones from subgroup D, Ad9 and Ad10 elicit estrogen-dependent mammary tumors as opposed to undifferentiated sarcomas. In the case of Ad9, its tumorigenicity is dependent on the product of the open reading frame (ORF) 1 of the

Target Details

early region 4 (E4).The tumorigenic potential of Ad9 E4 Orf1 depends on a carboxyl-terminal PDZ domain-binding motif that mediates interactions with several different membrane-associated cellular proteins such as MUPP1, PATJ, MAGI-1, ZO-2 and Dlg1.It has been suggested that Ad9 E4 Orf1 may have evolved from an ancestral cellular dUTP pyrophosphatase.

Synonyms: Adenovirus-9 E4 Orf1, Ad-9 E4 Orf1

UniProt: [P89079](#)

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid freezing and thawing repeatedly.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term use.Store at -20 °C for long term preservation.