

## Product datasheet for **TA160084**

### E4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	ELISA: 1 ug/mL
Reactivity:	Adeno-associated Virus 9
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Ad-9 E4 Orf1 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of the Ad-9 E4 Orf1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Background:	<p>Adenovirus-9 E4 Orf1 Antibody: 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 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.</p>



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