

Product datasheet

Anti-SV40 T-antigen antibody [EPR22694-148] - BSA and Azide free ab255286

Recombinant RabMAb

4 Images

Overview

Product name	Anti-SV40 T-antigen antibody [EPR22694-148] - BSA and Azide free
Description	Rabbit monoclonal [EPR22694-148] to SV40 T-antigen - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), IP, ICC/IF, WB
Species reactivity	<p>Predicted to work with: a wide range of other species, A wide range of other invertebrates</p> 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	ICC/IF: HEK-293T cells. Flow: HEK-293T (SV40 transfected). IP: HEK-239T whole cell lysate.
General notes	<p>ab255286 is the carrier-free version of ab234426.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit</p>

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR22694-148
Isotype	IgG

Applications

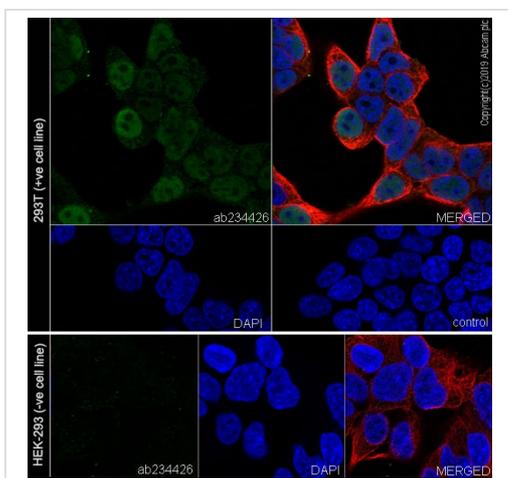
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab255286 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

Target

Cellular localization Nuclear

Images

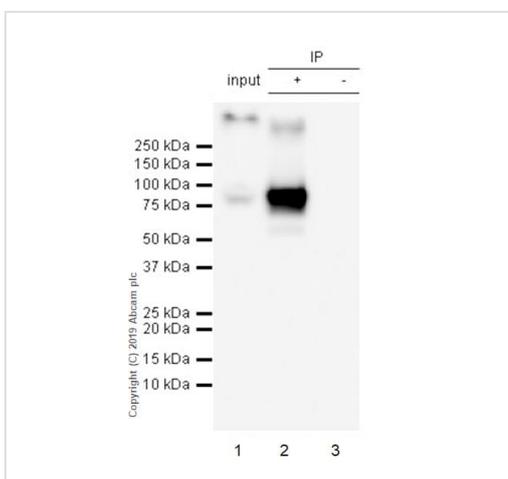


Immunocytochemistry/ Immunofluorescence - Anti-SV40 T-antigen antibody [EPR22694-148] - BSA and Azide free (ab255286)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HEK-293T (human embryonic kidney epithelial cell) cells labeling SV40 T-antigen with [ab234426](#) at 1/50 dilution, followed by an AlexaFluor®488 Goat anti-Rabbit secondary ([ab150077](#)) (Green) at 1/1000 dilution. Confocal image showing nuclear and weak cytoplasmic staining in 293T cells. The nuclear counterstain is DAPI (Blue). Tubulin was stained using an Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) (Red) at 1/200 dilution.

Negative control: HEK-293(PMID: 15175262).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab234426](#)).



Immunoprecipitation - Anti-SV40 T-antigen antibody [EPR22694-148] - BSA and Azide free (ab255286)

SV40 T-antigen was immunoprecipitated from 0.35 mg HEK-293T (SV40 transfected human embryonic kidney epithelial cell) whole cell lysate with [ab234426](#) at 1/30 dilution. Western blot was performed on the immunoprecipitate using [ab234426](#) at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used as the secondary antibody at 1/5000 dilution.

Lane 1: HEK-293T (SV40 transfected) whole cell lysate 10 µg (input).

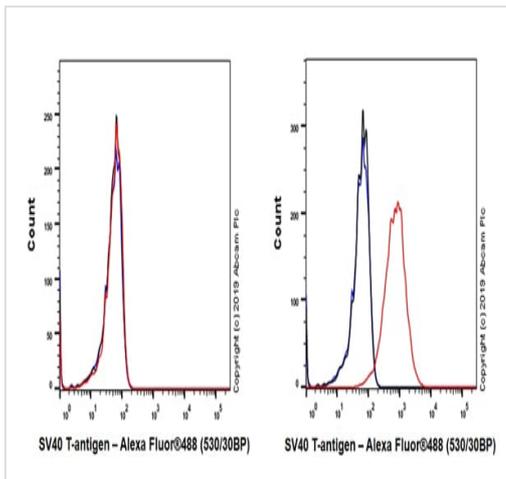
Lane 2: [ab234426](#) IP in HEK-293T (SV40 transfected) whole cell lysate.

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of [ab234426](#) in HEK-293T whole cell lysate.

Blocking and dilution buffer and concentration: 5% NFD/MTBST.

Exposure time: 3 seconds.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab234426](#)).



Flow Cytometry (Intracellular) - Anti-SV40 T-antigen antibody [EPR22694-148] - BSA and Azide free (ab255286)

Intracellular flow cytometric analysis of 4% paraformaldehyde-fixed HEK-293 (human embryonic kidney epithelial cell, Left) / 293T (SV40 transfected human embryonic kidney epithelial cell, Right) cells labeling SV40 T-antigen with [ab234426](#) at 1/500 dilution (red), compared with a Rabbit monoclonal IgG isotype control ([ab172730](#), Black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) was used as the secondary antibody at 1/2000 dilution.

Negative control: HEK-293.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab234426](#)).

Why choose a recombinant antibody?

 Research with confidence Consistent and reproducible results	 Long-term and scalable supply Recombinant technology
 Success from the first experiment Confirmed specificity	 Ethical standards compliant Animal-free production

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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