Product datasheet

Anti-TRAM2 antibody [EPR2658] ab109176

1 References 1 Image

Overview

Product name
Anti-TRAM2 antibody [EPR2658]

Description
Rabbit monoclonal [EPR2658] to TRAM2

Host species
Rabbit

Tested applications
Suitable for: WB
Unsuitable for: Flow Cyt, ICC, IHC-P or IP

Species reactivity
Reacts with: Mouse, Rat, Human

Immunogen
Synthetic peptide within Human TRAM2 aa 250-350. The exact sequence is proprietary.

Positive control
HepG2, PC-3, MCF-7 and BxPC-3 cell lysates

General notes
Our RabMab® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMab® patents

This product is a recombinant rabbit monoclonal antibody.

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

Storage buffer
pH: 7.20
Preservative: 0.05% Sodium azide
Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant

Purity
Tissue culture supernatant

Clonality
Monoclonal

Clone number
EPR2658

Isotype
IgG

Applications
Our Abpromise guarantee covers the use of ab109176 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Application notes

Is unsuitable for Flow Cyt, ICC, IHC-P or IP.

Target

Function

Necessary for collagen type I synthesis. May couple the activity of the ER Ca(2+) pump SERCA2B with the activity of the translocon. This coupling may increase the local Ca(2+) concentration at the site of collagen synthesis, and a high Ca(2+) concentration may be necessary for the function of molecular chaperones involved in collagen folding.

Sequence similarities

Belongs to the TRAM family.
Contains 1 TLC (TRAM/LAG1/CLN8) domain.

Cellular localization

Membrane.

Images

All lanes: Anti-TRAM2 antibody [EPR2658] (ab109176) at 1/10000 dilution

Lane 1: HepG2 cell lysate
Lane 2: PC-3 cell lysate
Lane 3: MCF-7 cell lysate
Lane 4: BxPC-3 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 43 kDa

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