

Anti-CD45 PTPRC Rabbit Monoclonal Antibody

Catalog Number: M00555-1

About PTPRC

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

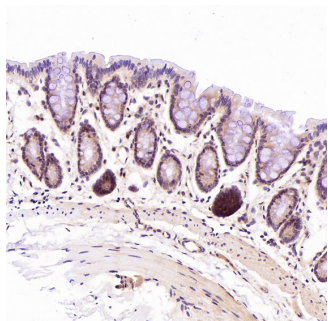
Product Name	Anti-CD45 PTPRC Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD45 PTPRC Rabbit Monoclonal Antibody catalog # M00555-1. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal CBI-16
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P08575

Technical Details

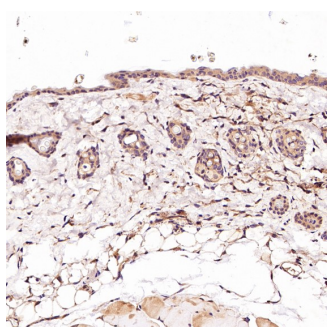
Immunogen	A synthesized peptide derived from human CD45
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:100 FC 1:20
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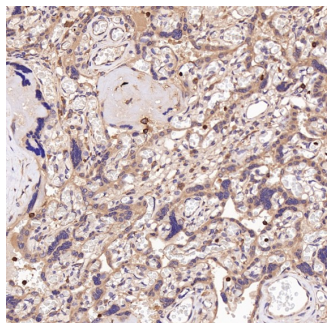
Anti-CD45 PTPRC Rabbit Monoclonal Antibody (M00555-1) Images



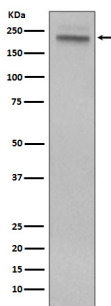
Immunohistochemical analysis of paraffin-embedded Rat stomach, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse skin, using the Antibody at 1:100 dilution.

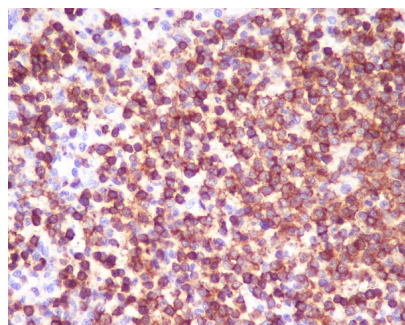
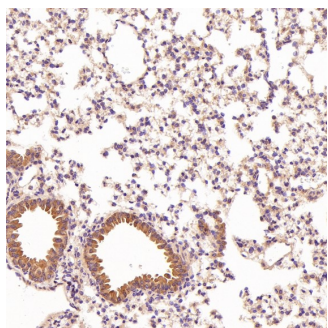


Immunohistochemical analysis of paraffin-embedded Human placenta, using the Antibody at 1:100 dilution.



Western blot analysis of CD45 expression in Jurkat cell lysate.

Immunohistochemical analysis of paraffin-embedded Mouse lung, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded human spleen, using CD45 Antibody .

3 Publications Citing This Product

1. PubMed ID: 26109430, Detecting cell-in-cell structures in human tumor samples by E-cadherin/CD68/CD45 triple staining
2. PubMed ID: 20682645, Lipoxin A4 and its analogue suppress the tumor growth of transplanted H22 in mice: the role of antiangiogenesis
3. PubMed ID: 26681001, Effect of human umbilical cord mesenchymal stem cells on endometriotic cell proliferation and apoptosis

Visit bosterbio.com/anti-cd45-rabbit-monoclonal-antibody-m00555-1-boster.html to see all 3 publications.

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