

Anti-CD45 PTPRC Antibody

Catalog Number: A00555

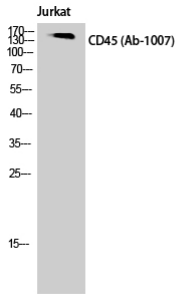
Overview

Product Name	Anti-CD45 PTPRC Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CD45 PTPRC Antibody catalog # A00555. Tested in WB, IHC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% stabilizing protein and 0.02% sodium azide. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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

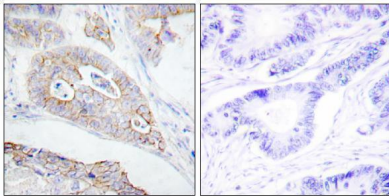
Technical Details

Immunogen	The antiserum was produced against synthesized peptide derived from human CD45. AA range:981-1030
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Immunogen affinity purified
Suggested Dilutions	WB 1:500-1:2000 IHC: 1:100-300 ELISA 1:20000 IF 1:100-300

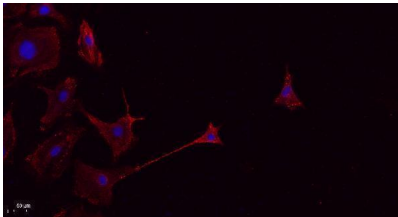
Anti-CD45 PTPRC Antibody (A00555) Images



Western Blot analysis of Jurkat cells using CD45 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using CD45 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of A549. 1, primary Antibody (red) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min.

3 Publications Citing This Product

1. PubMed ID: 10.1111/1440-1681.13059, MicroRNA let-7c-2-5p promotes osteogenic differentiation of dental pulp stem cells by inhibiting lipopolysaccharide-induced inflammation via HMGA2/PI3K/Akt signal blockade
2. PubMed ID: 26616638, Isolation and morphological characterization of ovine amniotic fluid mesenchymal stem cells
3. PubMed ID: 26526388, CD11b deficiency suppresses intestinal tumor growth by reducing myeloid cell recruitment

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