

Anti-CD9 Antibody (7S503)

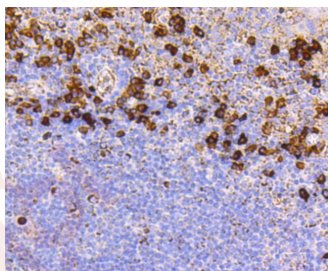
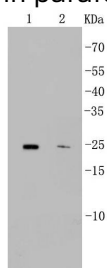
Product Details

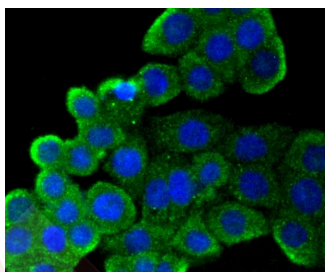
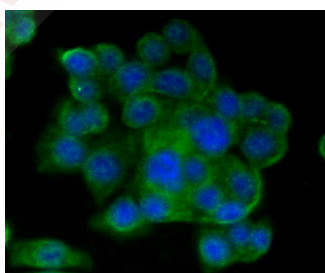
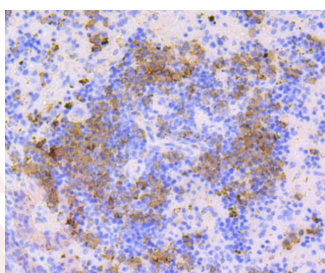
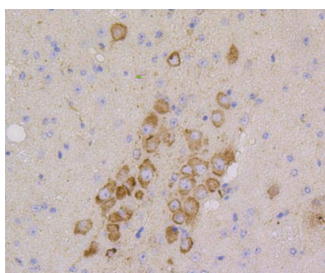
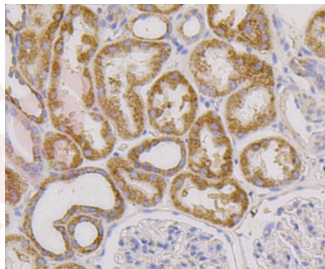
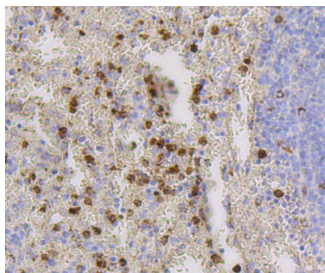
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 25 kDa.
Clone:	7S503
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of CD9 on different lysates using anti-CD9 antibody at 1/500 dilution. Positive control: Lane 1: Mouse heart, Lane 2: Jurkat.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD9 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD9 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD9 antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-CD9 antibody. Counter stained with hematoxylin.
6. Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-CD9 antibody. Counter stained with hematoxylin.
7. ICC staining CD9 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
8. ICC staining CD9 in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





Application: FCM, ICC/IF, IHC, IP, WB

Recommended WB: 1:500-1000; IHC: 1:50-200; ICC/IF: 1:50-200; FCM: 1:20-50

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P21926

Synonyms: DRAP-27;MIC3;BTCC-1;TSPAN-29;TSPAN29;MRP-1;CD9 molecule

Research Background

CD9 is a type IV transmembrane glycoprotein with four transmembrane domains. CD9 on pre-B cells may play a role in cell-cell adhesion. In addition, CD9 may play a role in signal transduction mediated by interaction with low molecular weight GTP-binding proteins. CD9 is expressed on early B cells, eosinophils, basophils and activated T cells and is a major component of the platelet cell surface. It is also expressed on most non-T acute lymphoblastic leukemia cells and on some acute myeloid and chronic lymphoid leukemias.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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