

## Product datasheet for **SM2094P**

### Bsg Rat Monoclonal Antibody [Clone ID: OX114]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OX114
Applications:	FC, IHC, WB
Recommended Dilution:	Western Blot. Flow Cytometry: Use 10 µl of 1/25-1/50 diluted antibody to label 10e6 cells in 100 µl. This antibody is routinely tested in flow cytometry on Mouse splenocytes. Immunohistochemistry on Frozen Sections.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein mCD147dO-2rCD4d3 +4.
Specificity:	This antibody recognises CD147 (also known as basigin). OX-114 recognises both isoforms of CD147, the common form containing 2 Ig-like domains and the rare form containing 3 Ig-like domains. Note that for staining of whole blood samples increased amounts of antibody may be required due to the presence of CD147 on erythrocytes.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	basigin
Database Link:	<a href="#">Entrez Gene 12215 Mouse P18572</a>

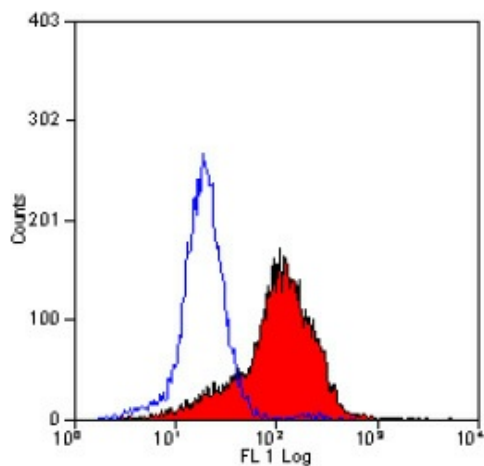


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**Background:** CD147 is a cell surface glycoprotein that is widely expressed on leukocytes, red cells, platelets and endothelial cells. The reported functions of CD147 are diverse and include involvement in T-cell activation, cell adhesion and induction of matrix metalloproteinases.

**Synonyms:** Basigin, BSG, EMMPRIN, TCSF

**Product images:**



Staining of Mouse peripheral blood lymphocytes with Rat anti-Mouse CD147 antibody.